



# ***DEATHS***



## ***DEATHS: State Summary***



## DEATHS

### INTRODUCTION

#### **Purpose of Death Surveillance**

In addition to serving as the legal records of death, death certificates provide surveillance information used to describe patterns of death by sex, race, age, and cause of death. Monitoring of differences in death patterns within and among demographic groups permits identification of persons at high risk of death from specific diseases and injuries. This type of monitoring makes it possible for communities, health care providers, researchers, and governmental agencies to target resources where they are most effective in reducing risk.

#### **Source of Data: Certificate of Death**

Mortality information presented in this report is gathered from data recorded on the *Certificate of Death* for deaths that occurred to Louisiana residents in the 1998 calendar year. All original death certificates flow to the Vital Records Registry in New Orleans.

Data are recorded on death certificates by funeral directors, who solicit demographic information from available next of kin, and by physicians or coroners, who record information on time, place, and cause of death. Louisiana law requires that funeral directors send death certificates to the Vital Records Registry within five days of the occurrence of a death, and that the identities of persons included in the death registry be kept confidential.

Death statistics are compiled in accordance with World Health Organization (WHO) regulations, which require member nations to classify causes of death according to the revision of the International Statistical Classification of Diseases, Injuries, and Causes of Death in effect at the time of death. Deaths that occurred in 1998 are coded in accordance with the ninth revision (ICD-9).

All of the causes of death described in this report are ***underlying causes of death***, defined as the disease or injury that initiated the sequence of events leading to death. Secondary causes of death, which are also recorded on death certificates, are not presented in this report.

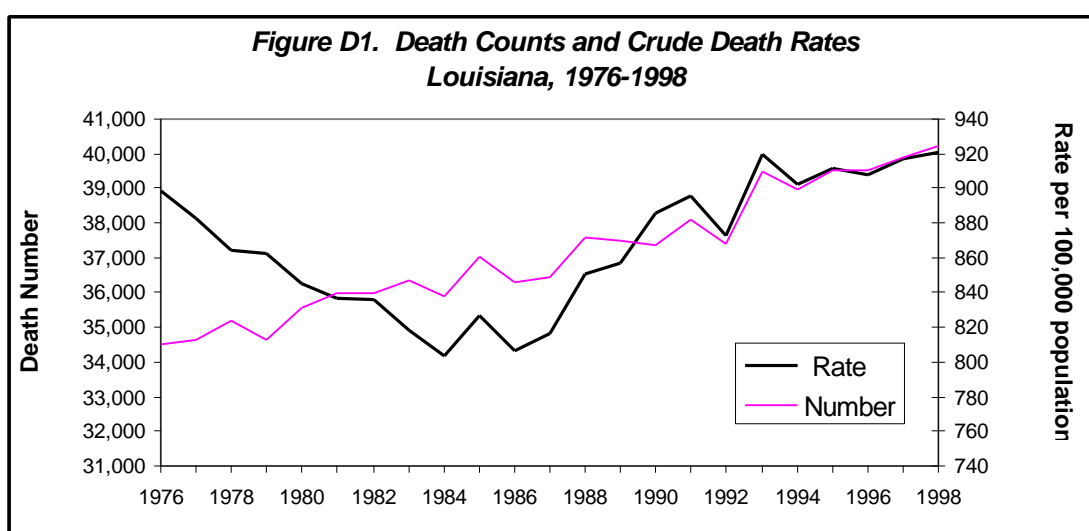
Unless otherwise noted, all statistics reported here are for deaths to Louisiana residents, regardless of the state in which the death occurred. The Vital Statistics Cooperative Program, a nationwide system of information interchange among all states and territories, makes possible the reporting of out-of-state deaths to Louisiana residents.

Death registration in Louisiana is considered to be 100% complete, since a death certificate must be filed before a burial permit may be obtained. However, it is possible that death registration is not carried out accurately in cases of infants dying shortly after birth.

## DEATH COUNTS AND RATES

Counts and Crude Rates

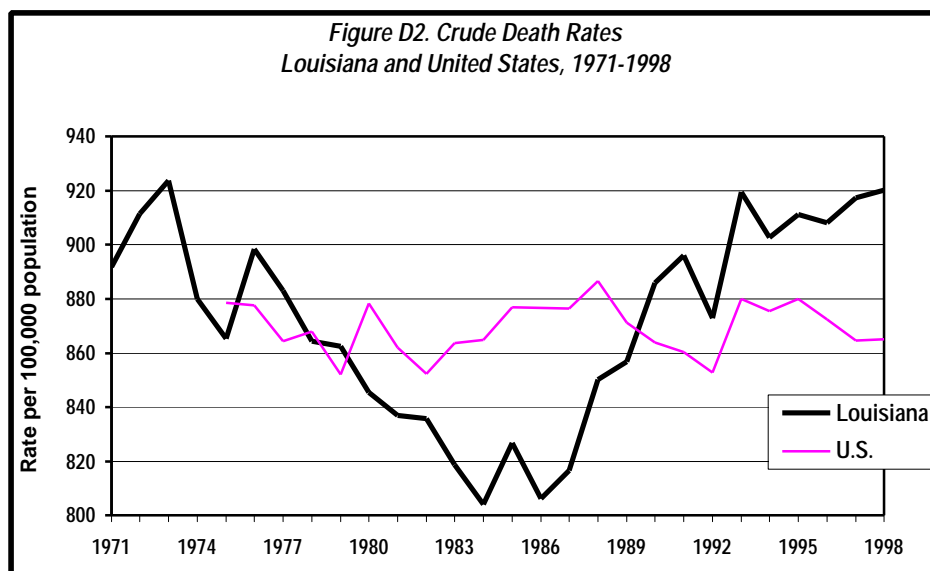
- In 1998, **40,209 Louisiana residents died**. This was an increase from the 39,917 deaths in 1997 (Figure D1, Table D1).
- Louisiana's **1998 crude death rate of 920.3 per 100,000 population** was higher than the 1997 rate of 917.3. U.S. rates for 1997 and 1998 were 864.7 and 865.0, respectively (Figure D2, Table D2).



The **crude death rate** is calculated by dividing the number of deaths in a population by the total population. Crude death rates are useful for examining actual mortality in a geographic area or population because they describe the rate at which deaths occur in the total population, without regard to subpopulation differences in factors (such as age) that influence death.

Caution must be used when comparing crude rates from different populations, because crude rates can be affected by differences in the composition of the two populations. For example, areas that attract people over age 65 usually have higher crude death rates than areas with large numbers of young families, because people over age 65 are at higher risk of dying. To compensate for differences in the distribution of ages, age-adjusted death rates are used when comparing deaths in different populations.

- **Between 1997 and 1998, Louisiana and United States saw a slight increase in crude death rates.** For both populations, **however, 1998 rates were higher than those seen in the early 1990's** (Figure D2, Table D1).
- In 1990 the crude death rate in Louisiana leaped beyond the United States rate. A wide margin between the two rates has remained since that time (Figure D2, Table D1).



Source: Louisiana State Center for Health Statistics  
National Center for Health Statistics (preliminary data for 1998)

<b>Table D1. Death Counts and Crude Death Rates*</b> <b>Louisiana and United States, 1975-1998</b>							
Year	Louisiana		U.S. Crude Rate	Year	Louisiana		U.S. Crude Rate
	Number	Crude Rate			Number	Crude Rate	
1975	33627	865.3	878.5	1987	36428	816.6	876.4
1976	34512	873.5	877.6	1988	37582	850.3	886.7
1977	34625	862.6	864.4	1989	37503	856.0	871.3
1978	35172	864.4	868.0	1990	37375	885.9	863.8
1979	34648	837.3	852.2	1991	38092	895.9	860.3
1980	35544	845.1	878.3	1992	37428	873.1	852.9
1981	35985	836.9	862.0	1993	39490	919.4	880.0
1982	35744	815.5	852.4	1994	38950	902.7	875.4
1983	36334	818.1	863.7	1995	39539	911.0	880.0
1984	35865	804.0	864.8	1996	39511	908.2	872.5
1985	37041	825.7	876.9	1997	39917	917.3	864.7
1986	36287	806.2	876.7	1998	40209	920.3	865.0

\*Rate per 100,000 population

Source: Louisiana State Center for Health Statistics  
National Center for Health Statistics (preliminary data for 1998)

### **Age-Adjusted Rates**

Comparing rates derived from populations that have different age distributions can be made more reliable by using **age-adjusted death rates**. Adjusted rates (also called standardized rates) are calculated to adjust for differences in population composition (such as age, race, or sex) that can increase or decrease the likelihood of death in the population. When comparing mortality data from different populations, rates adjusted for differences in age (i.e., age-adjusted death rates) are used because age is the most significant characteristic related to disease and death.

Although age-adjusted death rates are valuable because they permit meaningful comparisons of populations, they can cause confusion if their limitations are not understood. Differences between age-adjusted rates in two different populations may reflect an actual difference in death rates in the two populations, or may be due to other factors, such as race or sex, which were not taken into account when the adjustments for age were made. Also, the age-adjusted death rate is an artificial number, designed to be used only for comparisons of different populations. Unlike the crude mortality rate, it does not measure the true rate of death in a population, and it should not be used in comparisons with crude mortality rates.

- **Comparison of 1998 Louisiana and United States age-adjusted death rates showed**

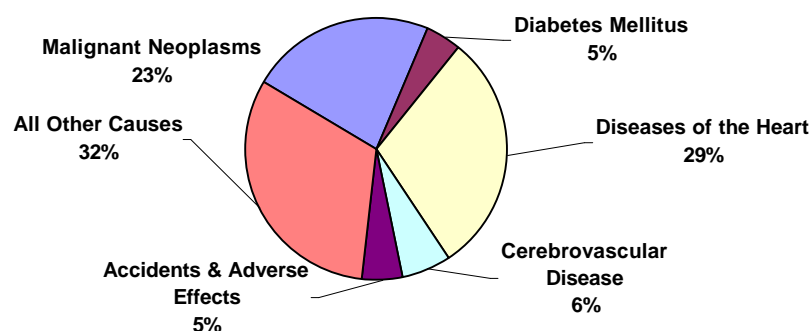
- The age-adjusted death rate due to all causes for Louisiana in 1998 was 572.9 per 100,000 standard population, versus 470.6 for the United States (Table D2).
- 1998 preliminary data published by the National Center for Health Statistics reported Louisiana's age-adjusted death rate as the second highest (after Mississippi) among the 50 states.
- Louisiana belongs to a group of other southern states (Mississippi, Alabama, Georgia, South Carolina, and Tennessee) which traditionally have high age-adjusted death rates for stroke, cancer, cardiovascular disease, and all-cause mortality.



## LEADING CAUSES OF DEATH

- Based on rankings of crude death rates for the total population, the **five leading causes of death in Louisiana in 1998 were Diseases of the Heart, Malignant Neoplasms (Cancer), Cerebrovascular Disease (Stroke), Accidents and Adverse Effects, and Diabetes**, in that order. Deaths from these causes accounted for 68.2% of all resident deaths in 1998 (Figure D3).
- Rounding out the ten leading causes of death to Louisiana residents in 1998 were COPD; Pneumonia and Influenza; Nephritis, Nephrotic Syndrome, and Nephrosis; Septicemia; and Homicide and Legal Intervention** (Table D2).

**Figure D3. Percents of Deaths from the Five Leading Causes of Death Louisiana, 1998**



**Comparison of 1998 Louisiana and the United States age-adjusted death rates** for Louisiana's leading causes of death showed similarities in the leading causes, but differences in the rates at which they occurred. Ranking of age-adjusted death rates was determined by ranking the crude death rates from highest to lowest and then adjusting these rates, in the same rank order, for age (Table D2, Figure D4).

- Heart disease, cancer, and stroke were the three leading causes of death in both Louisiana and in the United States.
- With the exception of chronic obstructive pulmonary diseases and pneumonia and influenza, Louisiana's rates exceeded those of the nation as a whole.
- The state rate for homicide was more than twice the national rate. State rates for diabetes; nephritis, nephrotic syndrome, and nephrosis; and septicemia were almost double the national rates.
- In 1997, HIV infection ranked thirteenth in Louisiana and fourteenth in the United States. In 1998, these rankings fell to fourteenth in Louisiana and moved off the list of 15 leading causes of death for the first time since 1987 in the United States.

**Table D2. Rankings, Counts, and Rates for Ten Leading Causes of Death  
Louisiana and United States, 1998**

Cause of Death	Rank*	Louisiana			United States		
		Number	Crude Rate**	Age-Adjusted Rate***	Rank*	Crude Rate**	Age-Adjusted Rate***
All Causes	-	40209	920.3	572.9	-	865.0	470.6
Diseases of the Heart	1	11830	270.8	149.4	1	268.0	126.0
Malignant Neoplasms	2	9332	213.6	143.5	2	199.4	122.9
Cerebrovascular Disease	3	2520	57.7	29.9	3	58.5	25.0
Accidents and Adverse Effects	4	1922	44.0	39.4	6	34.5	28.5
Diabetes Mellitus	5	1824	41.7	25.8	7	23.9	13.6
Chronic Obstructive Pulmonary Diseases	6	1563	35.8	20.8	4	42.3	21.6
Pneumonia and Influenza	7	1102	25.2	11.5	5	35.1	13.5
Nephritis, Nephrotic Syndrome, & Nephrosis	8	623	14.3	7.7	9	9.7	4.5
Septicemia	9	611	14.0	7.7	11	8.7	4.4
Homicide & Legal Intervention	10	592	13.6	14.3	13	6.4	6.9

\*Rank is based on crude death rate per 100,000 population

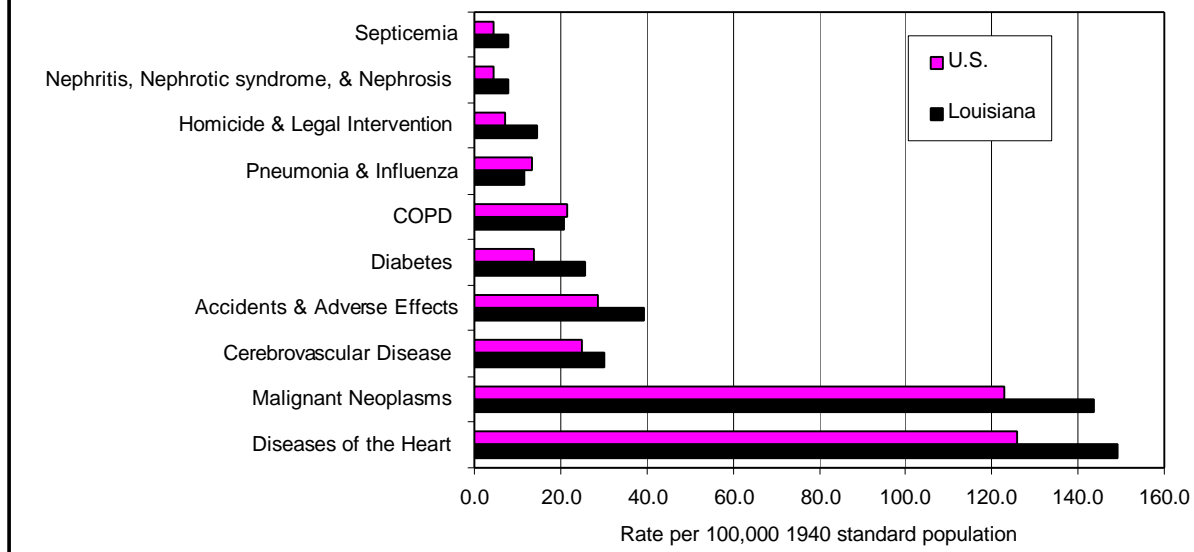
\*\*Crude rate per 100,000 population

\*\*\*Age-adjusted rate per 100,000 1940 U.S. standard population

\*U.S.: 8<sup>th</sup> rank is Suicide, crude rate=10.8, age-adjusted rate=10.0;10<sup>th</sup> rank is Chronic Liver Disease & Cirrhosis, crude rate=9.2, age-adjusted rate=7.1

Source: Louisiana State Center for Health Statistics

National Center for Health Statistics (preliminary data for 1998)

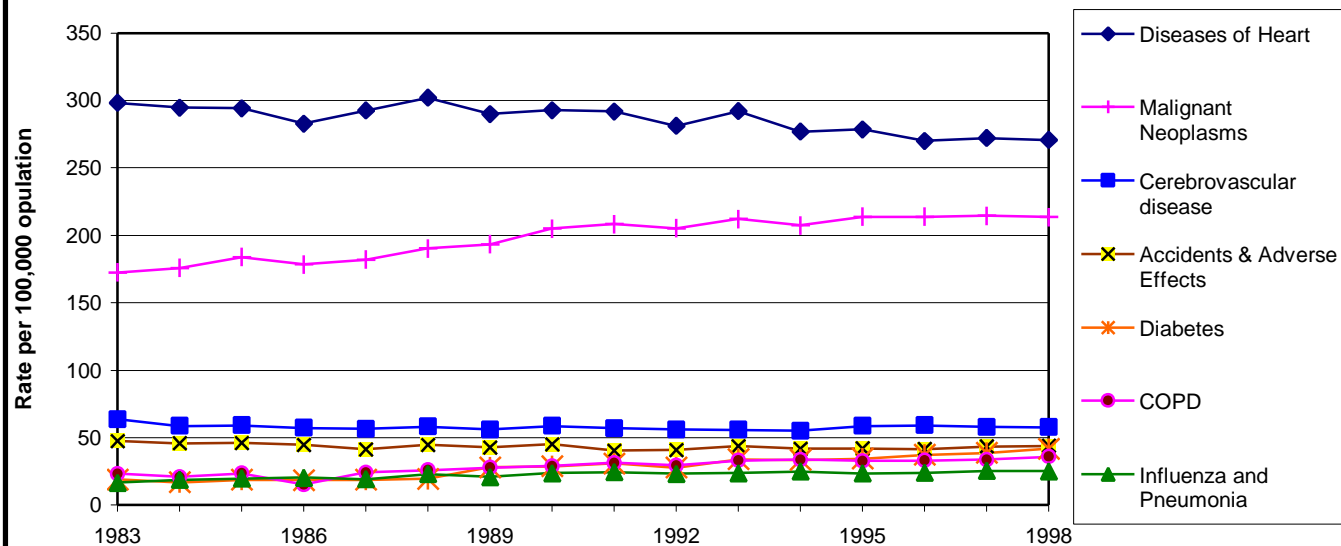
**Figure D4. Age-Adjusted Death Rates for the Ten Leading Causes of Death  
Louisiana and United States, 1998**

Trends over the past 20 years showed (Table D3, Figure D5)

- 1998's top four causes of death have been the leading causes of death in Louisiana for the past twenty years. The fifth-ranked cause has vacillated among diabetes, chronic obstructive pulmonary disease (COPD), and pneumonia and influenza.
- The death rate for heart disease has experienced a steady downward trend over the past two decades.

- After a drop in the early 1980s, rates for cerebrovascular disease have remained level during the past ten years.
- Death rates from malignant neoplasms, diabetes, and COPD have increased over the past fifteen years.

**Figure D5. Crude Death Rates for Leading Causes of Death  
Louisiana, 1983-1998**



**Table D3. Crude Death Rates and ICD-9 Codes for Leading Causes of Death  
Louisiana, 1982-1998**

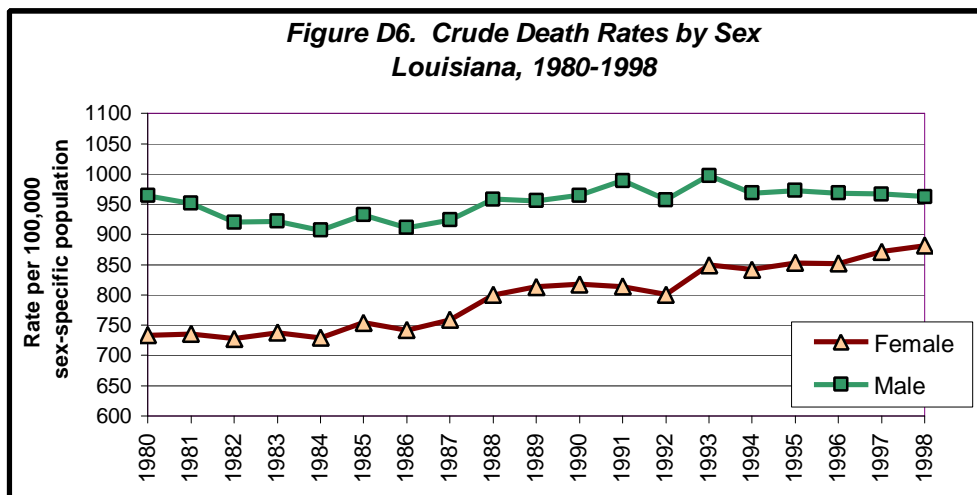
Year	Diseases of Heart (390-98, 402,404-429)	Malignant Neoplasms (140-208)	Cerebrovascular Disease (430-438)	Accidents & Adverse Effects (800-949)	Diabetes (250)	COPD (490-496)	Influenza and Pneumonia (480-487)
1982	298.7	168.6	67.6	52.1	17.9	18.7	15.8
1983	298.2	172.5	63.5	47.5	19.0	23.2	16.7
1984	294.6	175.9	58.7	45.8	16.9	21.0	18.8
1985	294.2	183.8	59.2	46.1	18.8	23.4	19.7
1986	282.8	178.5	57.3	44.7	18.4	15.2	20.4
1987	292.6	182.0	56.4	41.3	18.7	24.1	19.3
1988	302.0	190.3	58.2	44.5	19.5	25.8	23.1
1989	289.9	193.5	56.1	42.8	28.1	27.8	20.8
1990	292.8	205.1	58.5	45.2	28.7	28.9	23.8
1991	291.9	208.3	57.0	40.4	30.9	31.4	24.4
1992	281.3	205.2	56.0	40.8	27.7	29.5	23.2
1993	292.0	212.1	55.8	43.6	34.0	33.0	23.7
1994	276.9	207.3	55.0	41.8	33.4	33.7	25.0
1995	278.5	213.7	58.5	41.9	34.4	32.6	23.6
1996	270.0	213.8	59.0	41.5	37.2	33.0	24.0
1997	272.1	214.6	58.0	43.5	38.7	33.8	25.4
1998	270.8	213.6	57.7	44.0	41.7	35.8	25.2

## DEATHS BY DEMOGRAPHIC GROUP

Mortality By Sex

- In 1998, there were **20,221 (50.3%) male** and **19,988 (49.7%) female deaths** in Louisiana (Table D4).
- The **crude death rate for males (962.6 per 100,000 male population)** was higher than for females (**881.2 per 100,000 female population**) (Figure D6, Table D4).

Males historically have a higher crude death rate than females, though the gap between males and females has narrowed over the past ten years. After a decline in the 1980s, male crude death rates have regained their 1980 level. Since the late 1980s, however, female crude death rates have been on a steady upward path (Figure D6).



- In 1998 the **top two leading causes of death in both males and females were Diseases of the Heart and Malignant Neoplasms** (Table D4).
- The **leading causes of death were similar for males and females, though there were some notable differences in sex-specific crude rates** (Table D4, Figure D7).
  - **Malignant neoplasms:** males had a higher mortality rate than females (241.4 vs. 187.9).
  - **Accidents:** the male rate was twice that of females (60.7 vs. 28.5).
  - **Suicide:** the rate in males was more than four times higher than the female rate (18.4 vs. 4.0).
  - **Homicide:** the male rate was four times higher than the female rate (22.4 vs. 5.4).
  - **HIV infection:** the male rate was more than four times higher than the female rate (13.9 vs. 3.0).

**Table D4. Rankings, Counts, and Rates for the Leading Causes of Death by Sex  
Louisiana, 1998**

Cause of Death (ICD-9 Codes)	Overall			Male			Female		
	Rank*	Number	Crude Rate**	Rank*	Number	Crude Rate**	Rank*	Number	Crude Rate**
All Causes	-	40209	920.3	-	20221	962.6	-	19988	881.2
Diseases of the Heart (390-398, 402, 404-429)	1	11830	270.8	1	5786	275.4	1	6044	266.5
Malignant Neoplasms (140-208)	2	9332	213.6	2	5071	241.4	2	4261	187.9
Cerebrovascular Disease (430-438)	3	2520	57.7	4	991	47.2	3	1529	67.4
Accidents & Adverse Effects (E800-E949)	4	1922	44.0	3	1276	60.7	6	646	28.5
Diabetes Mellitus (250)	5	1824	41.7	6	750	35.7	4	1074	47.4
COPD (490-496)	6	1563	35.8	5	808	38.5	5	755	33.3
Pneumonia & Influenza (480-487)	7	1102	25.2	7	493	23.5	7	609	26.8
Nephritis, Nephrotic Syndrome, & Nephrosis (580-589)	8	623	14.3	11	274	13.0	9	349	15.4
Septicemia (038)	9	611	14.0	12	259	12.3	8	352	15.5
Homicide & Legal Intervention (E960-E978)	10	592	13.6	8	470	22.4	15	122	5.4
Suicide (E950-E959)	11	476	10.9	9	386	18.4	-	90	4.0
Alzheimer's Disease (331.0)	12	434	9.9	15	126	6.0	10	308	13.6
Chronic Liver Disease & Cirrhosis (571)	13	376	8.6	13	238	11.3	12	138	6.1
HIV Infection (042-044)	14	359	8.2	10	292	13.9	-	67	3.0
Certain Conditions Originating in the Perinatal Period (760-779)	15	294	6.7	14	165	7.9	14	129	5.7
Residual		6351			2836			3515	

\*Rank is based on rate per 100,000 sex-specific population

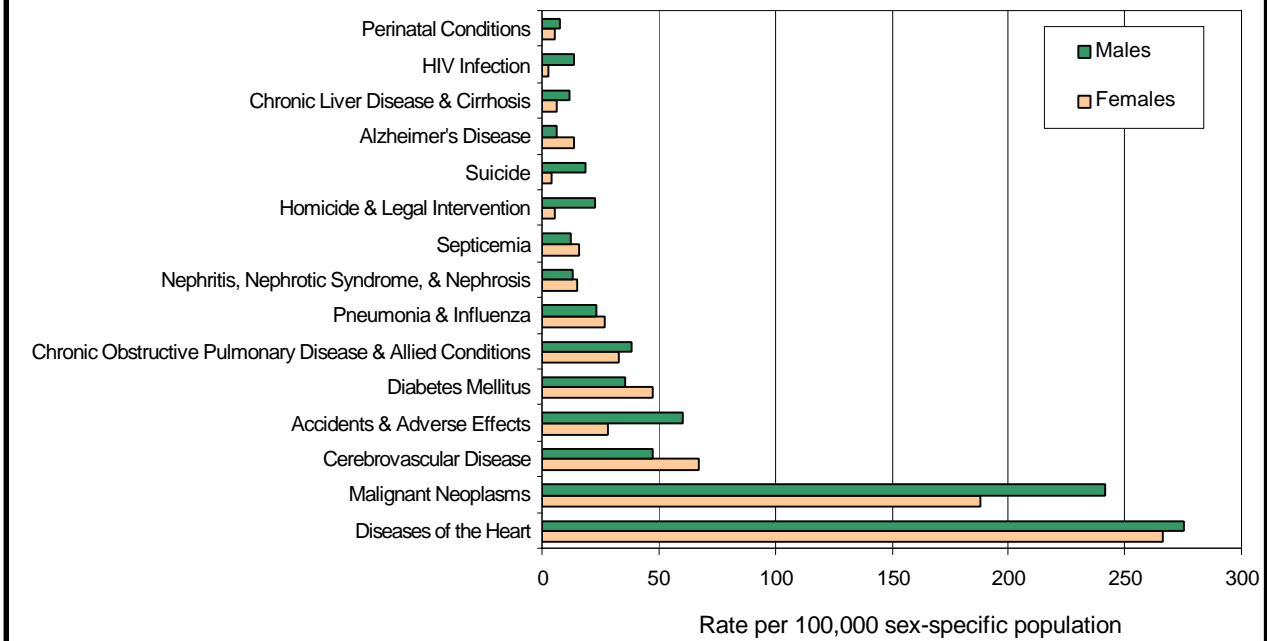
\*\*Rate per 100,000 sex-specific population

\*Females: 11<sup>th</sup> rank is Hypertension With or Without Renal Disease, 141 deaths, rate=6.212<sup>th</sup> rank is Atherosclerosis, 138 deaths, rate=6.1

“-” indicates the sex-specific rate is not ranked in the top 15

“Symptoms, signs, and ill-defined conditions” and category titles that begin with the words “Other” and “All other” are not included in rankings to determine the leading causes of death (Source: National Center for Health Statistics).

**Figure D7. Crude Death Rates for the Leading Causes of Death by Sex  
Louisiana, 1998**

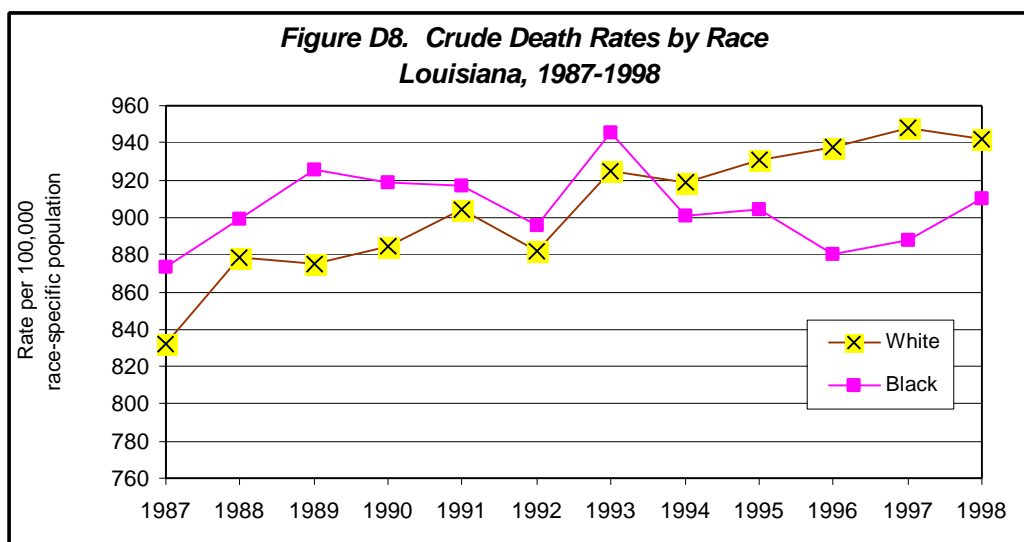


### Mortality By Race

- Of the 40,209 deaths to Louisiana residents in 1998, **27,187 (67.6%) deaths occurred among whites, 12,810 (31.9%) among blacks and 212 (less than 1%) among other races** (Table D5)
- The **crude death rate in whites (941.6 per 100,000 white population) was higher than in blacks (910.3 per 100,000 black population)** (Table D5).

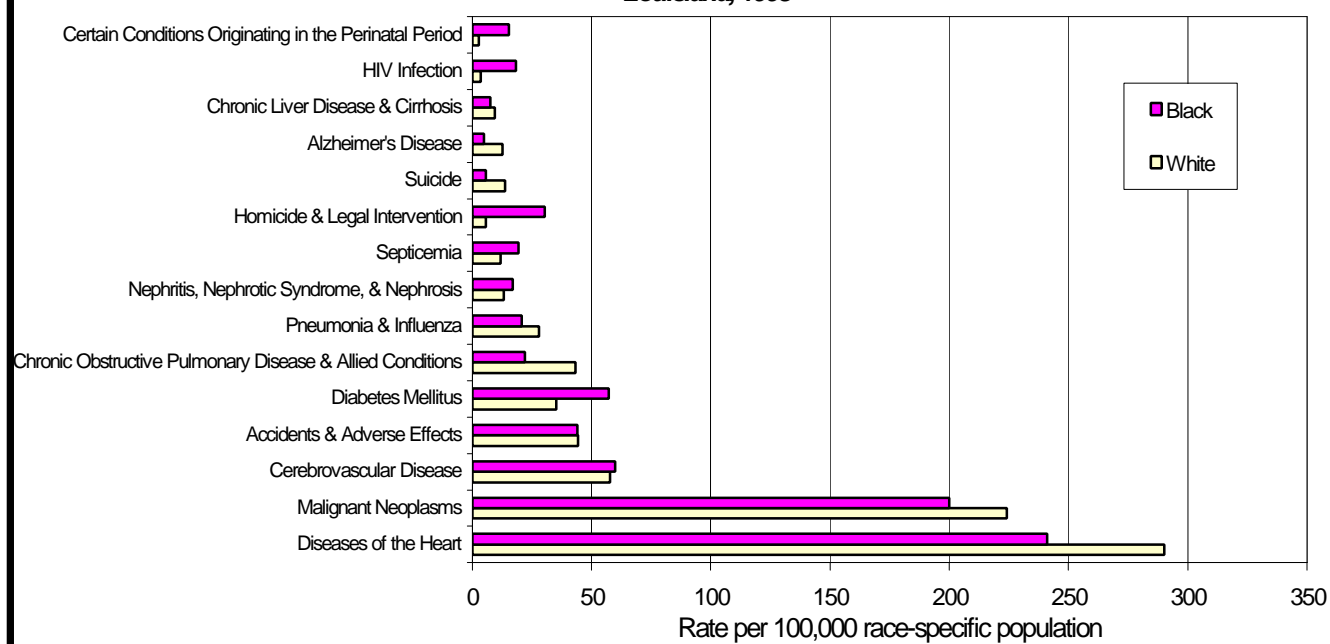
Over the past ten years the crude death rate in whites has increased. The crude death rate for blacks increased in 1998 (Figure D8).

**Figure D8. Crude Death Rates by Race  
Louisiana, 1987-1998**



- In 1998, the **top three causes of death for both whites and blacks were Diseases of the Heart, Malignant Neoplasms, and Cerebrovascular Disease** (Table D5).
- There were considerable **differences between race-specific crude rates in whites versus blacks** (Figure D9, Table D5).
  - **Heart Disease:** the mortality rate was 20% higher in whites than in blacks (290.3 vs. 241.0).
  - **Malignant Neoplasms:** the rate in whites was 12% higher than in blacks (224.1 vs. 200.0).
  - **Diabetes Mellitus:** the rate in blacks was 63% higher than in whites (57.1 vs. 35.1).
  - **Chronic Obstructive Pulmonary Disease (COPD):** the rate in whites was almost two times higher than that in blacks (43.2 vs. 22.0).
  - **Homicide:** the rate was more than five times higher in blacks than in whites (30.4 vs. 5.5).
  - **HIV Infection:** the rate was more than five times higher in blacks than in whites (18.2 vs. 3.5).
  - **Suicide:** the rate in whites was more than two times higher than the rate in blacks (13.6 vs. 5.6).
  - **Alzheimer's Disease:** the rate was more than two times higher in whites than in blacks (12.7 vs. 4.8).

**Figure D9. Crude Death Rates for the Leading Causes of Death by Race  
Louisiana, 1998**



**Table D5. Rankings, Counts, and Rates for the Leading Causes of Death by Race  
Louisiana, 1998**

Cause of Death (ICD-9 Codes)	All Races			White			Black			Other**	
	Rank*	Number	Crude Rate**	Rank**	Number	Crude Rate**	Rank**	Number	Crude Rate**	Rank	Number
All Causes	-	40209	920.3	-	27187	941.6	-	12810	910.3	-	212
Diseases of the Heart (390-398,402,404-429)	1	11830	270.8	1	8383	290.3	1	3392	241.0	1	55
Malignant Neoplasms (140-208)	2	9332	213.6	2	6471	224.1	2	2814	200.0	2	47
Cerebrovascular Disease (430-438)	3	2520	57.7	3	1664	57.6	3	841	59.8	4	15
Accidents & Adverse Effects (E800-E949)	4	1922	44.0	4	1279	44.3	5	620	44.1	3	23
Diabetes Mellitus (250)	5	1824	41.7	6	1013	35.1	4	804	57.1	--	7
Chronic Obstructive Pulmonary Disease & Allied Conditions (490-496)	6	1563	35.8	5	1248	43.2	7	309	22.0	--	6
Pneumonia & Influenza (480-487)	7	1102	25.2	7	805	27.9	8	293	20.8	--	4
Nephritis, Nephrotic Syndrome, & Nephrosis (580-589)	8	623	14.3	9	381	13.2	11	238	16.9	--	4
Septicemia (038)	9	611	14.0	11	338	11.7	9	270	19.2	--	3
Homicide & Legal Intervention (E960-E978)	10	592	13.6	14	158	5.5	6	428	30.4	--	6
Suicide (E950-E959)	11	476	10.9	8	394	13.6	-	79	5.6	--	3
Alzheimer's Disease (331.0)	12	434	9.9	10	366	12.7	-	68	4.8	--	0
Chronic Liver Disease & Cirrhosis (571)	13	376	8.6	12	269	9.3	13	105	7.5	--	2
HIV Infection (042-044)	14	359	8.2	-	102	3.5	10	256	18.2	--	1
Certain Conditions Originating in the Perinatal Period (760-779)	15	294	6.7	-	78	2.7	12	216	15.3	--	0
Residual		6351			4238			2077			36

\*Rank is based on rate per 100,000 race-specific population

\*\*Rate per 100,000 race-specific population

\*White: 13<sup>th</sup> rank is Atherosclerosis, 172 deaths, rate=6.015<sup>th</sup> rank is Benign Neoplasms, 126 deaths, rate=4.4Black: 13<sup>th</sup> rank is Hypertension With or Without Renal Disease, 105 deaths, rate=7.515<sup>th</sup> rank is Congenital Anomalies, 90 deaths, rate=6.4

\*\*Other: rate not calculated because of instability due to low frequency

“-” indicates the race-specific rate is not ranked in the top fifteen

“--” indicates unstable rate due to low frequency

“Symptoms, signs, and ill-defined conditions” and category titles that begin with the words “Other” and “All other” are not included in rankings to determine the leading causes of death.

Source: National Center for Health Statistics



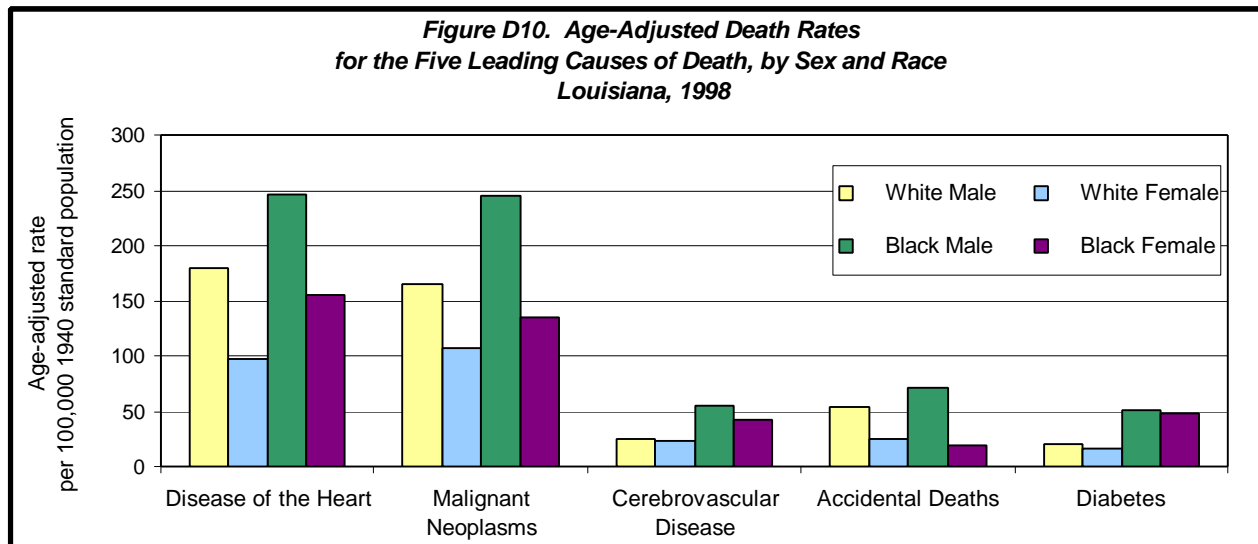
**Mortality by Sex and Race**

- **Age-adjusted death rates for the five leading causes of death in the major race-sex groups** allow for direct comparison of these groups. The 1998 age-adjusted rates showed the following (Table D6, Figure D10):
  - Males, particularly black males, were at higher risk than females for death from heart disease, cancer, stroke, diabetes, and accidental deaths.
  - Black males were at higher risk than white males for all of the leading causes of death. Black females were at higher risk than white females for death from heart disease, cancer, stroke, and diabetes.
  - Blacks of both sexes were at higher risk than whites for death from diabetes.

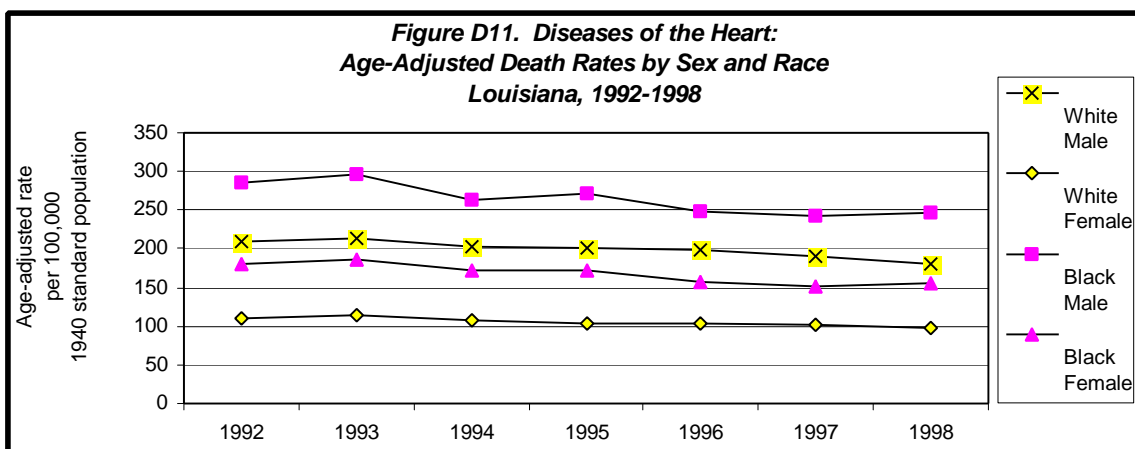
**Table D6. Age-Adjusted Death Rates\***  
**For the Five Leading Causes of Death, by Sex and Race**  
**Louisiana, 1993-1998**

<b>Cause of Death (ICD-9 Code)</b>	<b>Race/Sex</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
Diseases of the Heart (390-398, 402, 404-429)	Total	175.9	165.5	163.2	157.5	153.3	149.4
	White Male	214.1	203.3	200.7	198.1	191.4	179.4
	White Female	113.4	108.6	103.5	103.8	101.1	97.8
	Black Male	297.0	263.7	271.6	248.1	243.2	247.1
	Black Female	187.1	171.5	172.1	157.0	150.9	154.6
Malignant Neoplasms (140-208)	Total	153.7	147.4	151.2	151.1	146.3	143.5
	White Male	177.8	173.5	171.4	177.6	163.6	164.9
	White Female	114.2	112.5	116.7	112.2	112.7	107.3
	Black Male	277.8	247.9	258.5	256.7	245.7	245.4
	Black Female	138.4	131.4	142.8	142.1	143.2	135.4
Cerebrovascular Diseases (430-438)	Total	31.6	30.4	31.1	32.2	30.0	29.9
	White Male	28.1	27.8	28.8	29.9	27.4	25.2
	White Female	22.7	22.2	24.9	24.3	22.2	22.6
	Black Male	60.9	55.8	54.0	57.6	51.2	54.5
	Black Female	43.8	42.5	38.3	42.2	42.0	42.4
Accidental Deaths (E800-E949)	Total	39.6	38.0	37.6	37.7	38.9	39.4
	White Male	55.4	55.5	54.8	53.0	56.0	53.6
	White Female	20.3	20.7	21.3	20.1	22.6	24.4
	Black Male	73.5	64.4	61.9	69.9	62.5	70.9
	Black Female	22.4	20.8	20.8	18.6	19.6	19.5
Diabetes (250)	Total	22.6	22.3	22.7	24.2	24.3	25.8
	White Male	16.8	16.9	16.9	18.8	18.9	19.8
	White Female	15.5	15.2	15.1	16.2	15.4	16.5
	Black Male	40.6	39.6	44.9	42.0	46.2	50.3
	Black Female	44.1	42.7	44.1	46.9	46.7	48.5

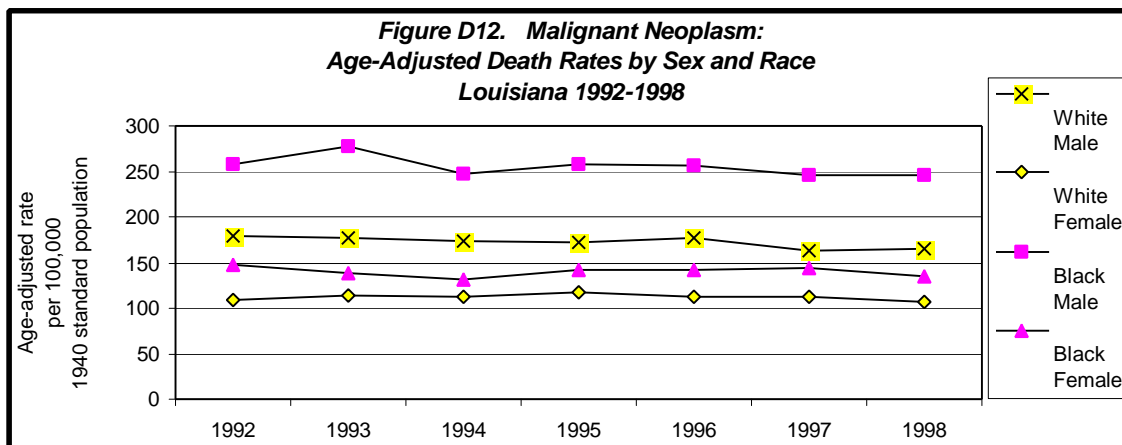
\*Rate per 100,000 1940 U.S. standard population



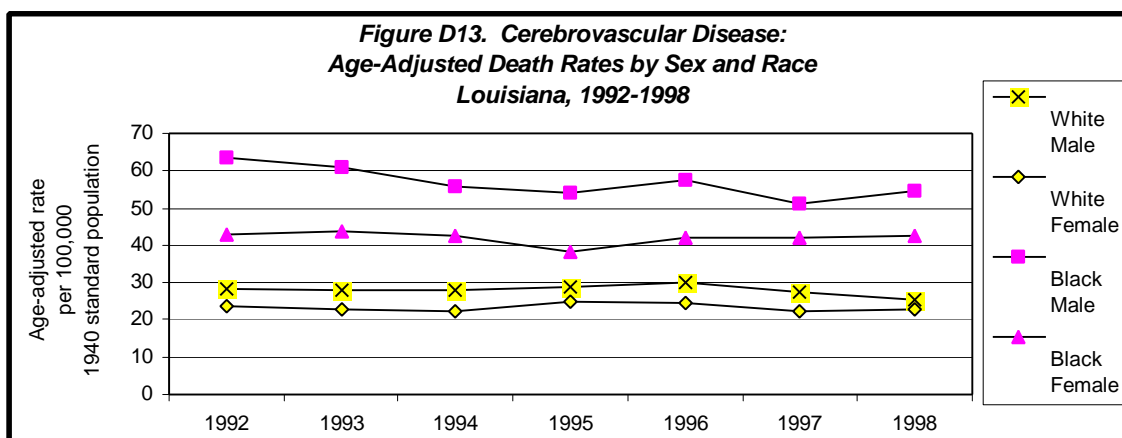
- For the major sex/race groups, trends in age-adjusted death rates for the leading causes of death over the past 6 years are described in Table D6 and Figures D11 through D15.
- **Heart Disease** rates have seen a downward trend in both sexes of whites. The downward trend is more pronounced in white males than in females.



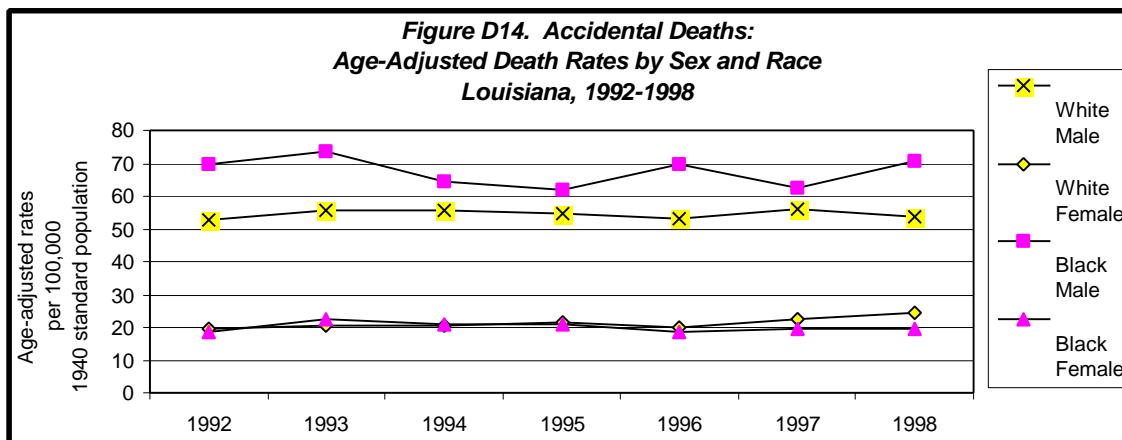
- The rate of death from **malignant neoplasms** has remained stable in white females. Rates for black males have decreased slightly during the past four years.



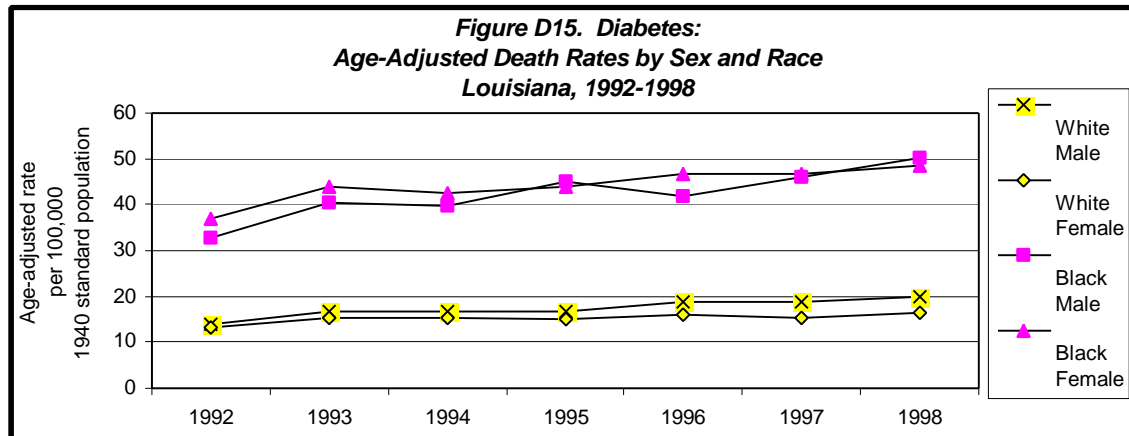
- Cerebrovascular disease** mortality rates in both sexes of blacks and in white females increased in 1998. Rates for white males have remained stable during the past seven years.



- After dropping in 1997, mortality rates for **accidental deaths** in black males rose in 1998. Rates have remained stable in all other sex/race groups.



- **Diabetes** mortality rates for blacks have risen steadily during the 1990's, although rates for black males dropped slightly in 1996. Rates for white males also have risen, although much less rapidly.



### Mortality by Age

When examined by age group, the 1998 leading causes of death in Louisiana followed the traditional pattern of mortality seen in developed countries. Accidents, the primary cause of death among young people, gave way to deaths from chronic conditions such as cancer and heart disease in the middle-aged and elderly (Table D7).

**Table D7. Rankings and Counts for the Five Leading Causes of Death, by Age Group**  
**Louisiana, 1998**

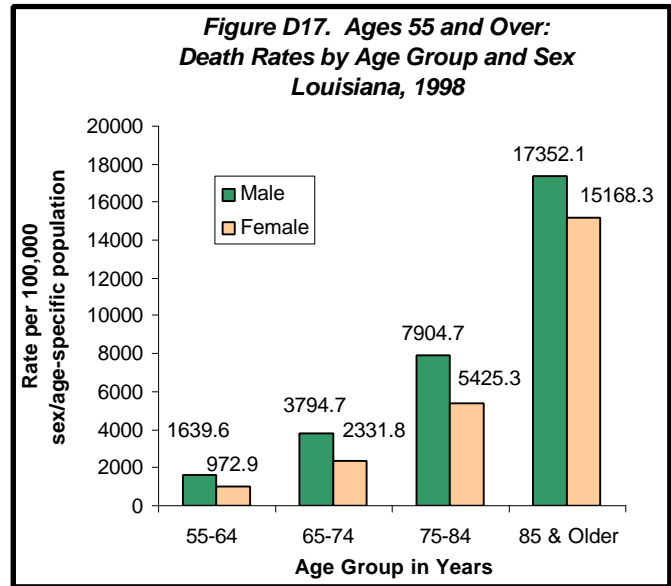
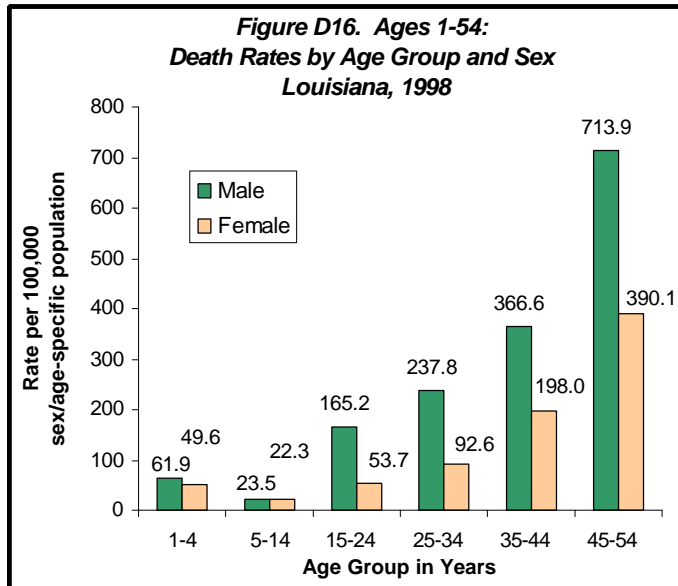
Rank*	Age Group in Years									
	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & Older
1	Accidents & Adverse Effects 63	Accidents & Adverse Effects 75	Accidents & Adverse Effects 310	Accidents & Adverse Effects 258	Diseases of the Heart 335	Malignant Neoplasms 902	Malignant Neoplasms 1671	Malignant Neoplasms 2702	Diseases of the Heart 3463	Diseases of the Heart 3384
2	Congenital Anomalies 18	Malignant Neoplasms 13	Homicide & Legal Intervention 195	Homicide & Legal Intervention 151	Malignant Neoplasms 331	Diseases of the Heart 768	Diseases of the Heart 1357	Diseases of the Heart 2398	Malignant Neoplasms 2513	Malignant Neoplasms 1071
3	Homicide & Legal Intervention 9	Congenital Anomalies 10	Suicide 81	Malignant Neoplasms 97	Accidents & Adverse Effects 300	Accidents & Adverse Effects 219	Diabetes Mellitus 304	Cerebrovascular Disease 477	Cerebrovascular Disease 770	Cerebrovascular Disease 826
4	Diseases of the Heart 4	Homicide & Legal Intervention 9	Malignant Neoplasms 30	HIV Infection 93	HIV Infection 156	Cerebrovascular Disease 144	Cerebrovascular Disease 221	Diabetes Mellitus 462	COPD & Allied Conditions 595	Pneumonia & Influenza 494
5	Septicemia 4	Diseases of the Heart 7	Diseases of the Heart 28	Suicide 89	Homicide & Legal Intervention 117	Diabetes Mellitus 115	COPD & Allied Conditions 183	COPD & Allied Conditions 451	Diabetes Mellitus 543	Diabetes Mellitus 326
Residual	42	37	115	271	674	856	1086	1829	2841	2697
Total	140	151	759	959	1913	3004	4822	8319	10725	8798

\*Rank is based on rate per 100,000 age-specific population

Note: COPD = Chronic Obstructive Pulmonary Disease

**Mortality By Age and Sex**

- The crude death rate for males surpassed that for females in every age group (Figures D16 and D17, Table D8).



<b>Table D8. Death Counts and Rates by Age Group and Sex Louisiana, 1998</b>						
<b>Age Group</b>	<b>Total</b>		<b>Male</b>		<b>Female</b>	
	<b>Number</b>	<b>Rate*</b>	<b>Number</b>	<b>Rate*</b>	<b>Number</b>	<b>Rate*</b>
Under 1 Year**	606	967.0	333	1043.9	273	887.2
1-4 Years	140	55.8	79	61.9	61	49.6
5-14 Years	151	22.9	79	23.5	72	22.3
15-24 Years	759	109.3	572	165.2	187	53.7
25-34 Years	959	162.7	677	237.8	282	92.6
35-44 Years	1913	280.2	1220	366.6	693	198.0
45-54 Years	3004	544.9	1882	713.9	1122	390.1
55-64 Years	4822	1283.9	2873	1639.6	1949	972.9
65-74 Years	8319	2972.3	4650	3794.7	3669	2331.8
75-84 Years	10725	6379.0	5112	7904.7	5613	5425.3
85 & Older	8798	15785.7	2734	17352.1	6064	15168.3
Unknown***	13	-	10	-	3	-
<b>Total</b>	<b>40209</b>	<b>920.3</b>	<b>20221</b>	<b>962.6</b>	<b>19988</b>	<b>881.2</b>

\*Rates are per 100,000 sex/age-specific population.

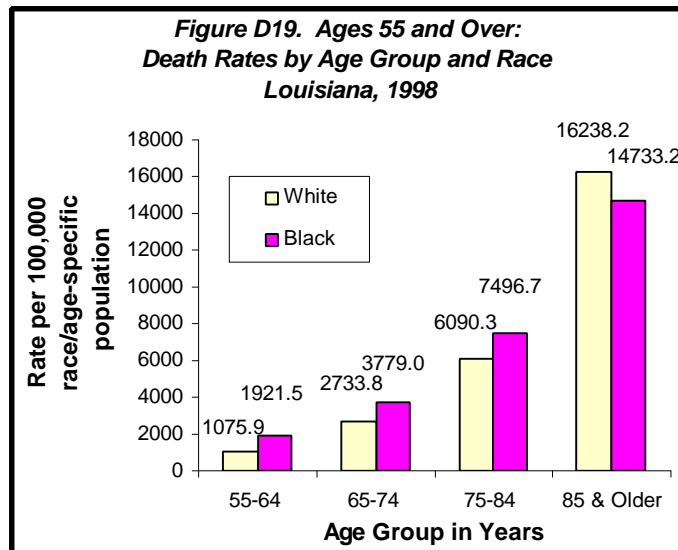
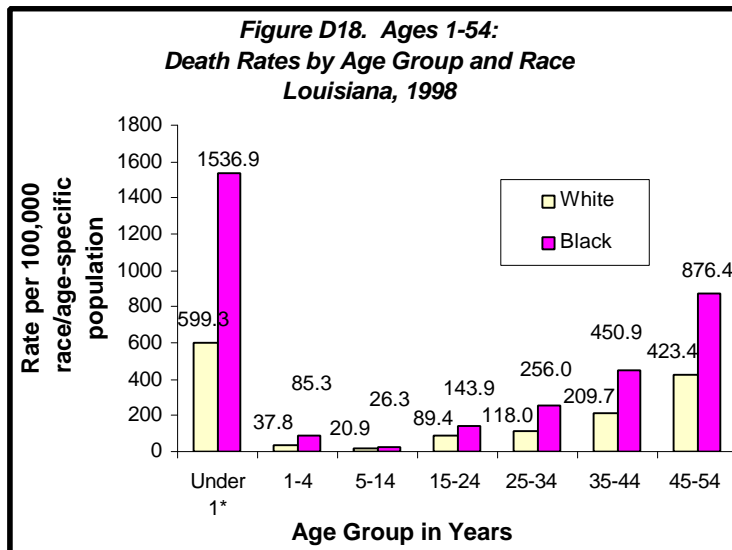
\*\*Death rates for Under 1 Year (based on population estimates) differ from Infant Mortality Rates (based on live births)

\*\*\*Age not stated on 13 records

“-“ indicates rate is unstable due to low frequency

**Mortality by Age and Race**

- With the exception of Age Groups 5-14 and 15-24, death rates among blacks were approximately double those of whites for all age groups below the age of 55 (Figures D18 and D19, Table D9).



\*Rate per 100,000 live births

<b>Table D9. Death Counts and Rates by Age Group and Race Louisiana, 1998</b>							
<b>Age Group</b>	<b>All Races</b>		<b>White</b>		<b>Black</b>		<b>Other*</b>
	<b>Number</b>	<b>Rate*</b>	<b>Number</b>	<b>Rate*</b>	<b>Number</b>	<b>Rate*</b>	
Under 1 Year**	606	967.0	218	599.3	383	1536.9	5
1-4 Years	140	55.8	55	37.8	85	85.3	0
5-14 Years	151	22.9	80	20.9	69	26.3	2
15-24 Years	759	109.3	372	89.4	381	143.9	6
25-34 Years	959	162.7	460	118.0	481	256.0	18
35-44 Years	1913	280.2	979	209.7	920	450.9	14
45-54 Years	3004	544.9	1653	423.4	1331	876.4	20
55-64 Years	4822	1283.9	2977	1075.9	1807	1921.5	38
65-74 Years	8319	2972.3	5767	2733.8	2509	3779.0	43
75-84 Years	10725	6379.0	7937	6090.3	2750	7496.7	38
85 & Older	8798	15785.7	6677	16238.2	2093	14733.2	28
Unknown***	13	-	12	-	1	-	0
Total	40209	920.3	27187	941.6	12810	910.3	212

\*Rate per 100,000 race/age-specific population

\*\*Death rates for Under 1 Year (based on population estimates) differ from Infant Mortality Rates (based on live births)

\*\*\*Age not stated on 13 records

\*Other: rate not calculated because of instability due to low frequency and unreliability of race coding

“-“ indicates rate is unstable due to low frequency

**Mortality by Age, Sex, and Race**

In Louisiana in 1998, mortality rates for whites and blacks showed dramatic differences within age groups (Table D10).

- Mortality rates for black males and females under the age of 5 years were approximately double those of their white counterparts.
- From ages 15 through 54, mortality rates among black males were double those of black females and white males and up to 5 times higher than those of white females.
- White male and black female rates were similar between ages 25 and 74 years.
- With the exception of ages 5 through 14 and age group 85 & older, white females had the lowest mortality rates.

**Table D10. Death Counts and Rates by Age Group, Sex, and Race  
Louisiana, 1998**

Age Group	Number of Deaths						Rate*			
	Male			Female			Male		Female	
	White	Black	Other	White	Black	Other	White	Black	White	Black
Under 1 Year**	125	205	3	93	178	2	671.9	1629.5	523.3	1442.5
1-4 Years	35	44	0	20	41	0	47.0	87.4	28.1	83.1
5-14 Years	38	39	2	42	30	0	19.4	29.3	22.5	23.1
15-24 Years	264	305	3	108	76	3	125.0	237.8	52.7	55.7
25-34 years	323	342	12	137	139	6	168.2	393.2	69.2	137.7
35-44 Years	639	572	9	340	348	5	273.5	613.0	145.8	314.3
45-54 Years	1068	802	12	585	529	8	554.8	1197.8	295.6	623.0
55-64 Years	1802	1049	22	1175	758	16	1351.6	2649.7	819.6	1392.1
65-74 Years	3284	1339	27	2483	1170	16	3499.3	4859.5	2120.4	3012.4
75-84 Years	3830	1260	22	4107	1490	16	7596.6	9178.3	5139.8	6491.0
85 & Older	2001	722	11	4676	1371	17	17619.1	17137.4	15711.3	13719.6
Unknown***	9	1	0	3	0	0	-	-	-	-
Total	13418	6680	123	13769	6130	89	953.4	1017.7	930.4	816.5

\*Rate per 100,000 sex/race/age-specific population. Rate of "Other" race not calculated because of instability due to small frequencies.

\*\*Rates for "Under 1 Year" (based on population estimates) differ from infant mortality rates (based on live births)

\*\*\*Age not stated on 13 records

**Ages 1-4 Years**

- In 1998, there were 140 deaths to children aged 1-4 years in Louisiana. Thirty-nine percent of the children were white, and males were in the majority in both whites and blacks (Table D10).
- There was an increase in death rates for both sexes of blacks but a decrease for both sexes of whites (Table D11).

Because there are very few deaths in this age group, a small yearly increase or decrease in the number of deaths can produce rates that appear very different from those seen in surrounding years. The resulting instability in the rates must be taken into account when using the rates to determine trends.

**Table D11. Ages 1-4 Years: Death Rates\* by Race and Sex  
Louisiana, 1987-1998**

Race & Sex	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
White Male	60.3	58.7	74.0	36.7	49.2	35.8	52.6	54.3	35.9	40.3	51.4	47.0
White Female	36.7	34.9	78.9	50.2	34.8	40.1	44.5	41.0	22.9	45.2	36.8	28.1
Black Male	77.1	80.5	118.3	83.9	86.5	105.6	91.7	85.8	89.3	74.2	56.6	87.4
Black Female	70.9	61.4	97.8	60.3	73.1	83.7	75.5	71.1	70.7	77.3	48.1	83.1

\*Rate per 100,000 sex/race/age-specific population

In 1998, the following were the **leading causes of death in those aged 1-4 years** (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Accidents** caused 63 deaths (45%). The largest percentage of accident deaths resulted from motor vehicle accidents, which comprised 44.4% of all accident deaths in this age group.
- **Congenital anomalies** caused 18 deaths (12.9%). The largest component was congenital anomalies of the heart (6 deaths).
- **Homicide** caused 9 deaths (6.4%).
- **Diseases of heart** caused 4 deaths (2.9%).
- **Septicemia** caused 4 deaths (2.9%).

#### **Ages 5-14 Years**

- Of the 151 deaths in ages 5-14 in 1998, 53.0% were white and 52.3% were male (Table D10).
- Despite the small numbers of deaths in this age group, examination of death rates over time illustrate the dominance of black male deaths (Table D12).

**Table D12. Ages 5-14 Years: Death Rates\* by Race and Sex  
Louisiana, 1987-1998**

Race & Sex	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
White Male	25.7	35.2	35.0	39.6	24.7	35.2	29.4	21.5	31.2	31.0	27.4	19.4
White Female	-	18.1	18.2	22.4	17.2	22.8	26.0	20.1	21.2	20.8	23.4	22.5
Black Male	58.7	41.8	35.8	45.1	42.8	45.5	50.0	43.7	45.2	39.6	37.8	29.3
Black Female	30.6	25.8	34.1	24.9	25.2	26.6	31.1	23.4	27.2	27.1	29.5	23.1

\*Rate per 100,000 sex/race/age-specific population

"-" indicates rate is unstable due to low frequency

The **leading causes of death in 1998 for the 5-14 Years Age Group** were as follows (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Accidents** caused 75 deaths (49.7%). The most common was motor vehicle accidents, which were responsible for 45.3% of the accidents and 22.5% of total deaths in this age group.
- **Malignant neoplasms** caused 13 deaths (8.6%). The most common site was brain, followed by neoplasm of connective and other soft tissue and kidney and other and unspecified urinary organs. Nationwide, brain cancer accounts for approximately 20% of all childhood cancers.
- **Congenital anomalies** were responsible for 10 deaths (6.6%).
- **Homicide** caused 9 deaths (6.0%).
- **Diseases of Heart** caused 7 deaths (4.6%).



**Ages 15-24 Years**

- In 1998, there were 759 deaths to 15-24 year olds in Louisiana. Of these deaths, 75.4% were male, and 40.2% were black males (Table D10).
- With the exception of white females, mortality rates for all race-sex groups have declined in 1998 (Table D13).

<b>Table D13. Ages 15-24 Years: Death Rates* by Race and Sex</b>												
<b>Louisiana, 1987-1998</b>												
<b>Race &amp; Sex</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
White Male	149.5	153.5	150.3	189.1	157.1	144.9	156.0	143.3	131.1	130.3	143.5	125.0
White Female	54.9	47.1	56.0	58.0	53.4	51.1	61.5	56.8	48.9	42.6	49.1	52.7
Black Male	199.9	254.3	269.6	321.6	302.6	329.3	396.3	341.5	289.8	295.6	280.3	237.8
Black Female	58.2	66.4	68.3	65.5	70.9	66.3	77.5	78.1	84.9	60.7	67.8	55.7

\*Rate per 100,000 sex/race/age-specific population

In 1998 the following were the **leading causes of death in Age Group 15-24 Years** (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Accidents** caused 310 deaths (40.8%). The number of accidents increased from 303 in 1997. The frequency of motor vehicle accident-related mortality was more than two times that of all other accidental deaths combined.
- **Homicides** caused 195 deaths (25.7%). The number of homicides decreased from 251 in 1997.
- **Suicide** caused 81 deaths (10.7%). Sixty-one suicides were carried out by firearms and explosives and 13 by hanging, strangulation, & suffocation.
- **Malignant neoplasms** led to 30 deaths (4.0%). The most common site was bone & articular cartilage, followed by brain and neoplasm without specification of site.
- **Diseases of the heart** caused 28 deaths (3.7%).

**Ages 25-34 Years**

- There were 959 deaths to Louisiana residents in this age group. Among these deaths, 70.6% were male, divided equally between white and black males (Table D10).
- Mortality rates for black and white males have declined in recent years (Table D14).

<b>Table D14. Ages 25-34 Years: Death Rates* by Race and Sex</b>												
<b>Louisiana, 1987-1998</b>												
<b>Race &amp; Sex</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
White Male	174.6	197.7	202.2	187.4	210.1	225.8	216.5	219.3	209.0	196.1	172.6	168.2
White Female	68.5	78.7	72.3	67.4	60.3	61.8	78.9	70.8	72.5	65.8	77.1	69.2
Black Male	370.4	406.8	446.3	462.9	495.2	465.8	471.6	534.4	488.8	467.7	441.2	393.2
Black Female	122.3	130.2	147.6	145.1	140.7	144.1	178.0	142.1	164.1	174.3	158.0	137.7

\*Rate per 100,000 sex/race/age-specific population

In 1998 the **leading causes of death in the 25-34 Years Age Group** were as follows (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Accidents** caused 258 deaths (26.9%). This is a decrease from the 287 accident deaths that occurred in 1997. The most common type was motor vehicle accidents, followed by poisoning.
- **Homicides** caused 151 deaths (15.7%). This was a decrease over the 186 deaths that occurred in 1997.
- **Malignant neoplasms** caused 97 deaths (10.1%). The most common site were malignant neoplasm of female breast and brain, followed by lung, cervix uteri, Leukemia, and colon.
- **HIV Infection** caused 93 deaths (9.7%). This was a decrease from 122 deaths in 1997.
- **Suicide** caused 89 deaths (9.3%). Sixty-two were carried out with firearms, 15 by hanging, strangulation, and suffocation.

**Ages 35-44 Years**

- Of the 1,913 deaths to Louisiana residents between the ages of 35-44 years, 63.8% were males, and 33.4% were white males (Table D10).
- With the exception of black females, mortality rates for all race-sex groups increased in 1998. Rates for black males are more than two times higher than those of white males (Table D15).

**Table D15. Ages 35-44 Years: Death Rates\* by Race and Sex  
Louisiana, 1987-1998**

<b>Race &amp; Sex</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
White Male	265.9	271.6	279.1	271.6	284.9	289.1	329.1	321.9	309.1	322.7	265.0	273.5
White Female	131.7	143.1	137.9	123.0	119.3	122.8	113.5	127.3	136.5	141.3	136.4	145.8
Black Male	587.6	616.4	646.9	602.4	645.3	656.8	671.1	685.5	673.7	675.6	575.7	613.0
Black Female	282.2	266.9	308.2	291.1	266.2	285.2	279.2	322.0	314.0	293.4	316.6	314.3

\*Rate per 100,000 sex/race/age-specific population

The following were the **leading causes of deaths** in adults **aged 35-44** years in 1998 (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Diseases of the heart** caused 335 deaths (17.5%). This included 32 deaths from hypertensive heart disease, and 126 from acute myocardial infarction.
- **Malignant neoplasms** caused 331 deaths (17.3%). The leading cancer sites were female breast cancers followed by lung cancer. These accounted for 16.6% and 15.4%, respectively, of all cancer deaths in this age group.
- **Accidents** caused 300 deaths (15.7%). The most common type of accidental death was motor vehicle accidents.
- **HIV Infection** caused 156 deaths (8.2%)
- **Homicide** caused 117 deaths (6.1%).

**Ages 45-54 Year**

- Among the 3,004 deaths to Louisiana residents in this age category, 62.6% were males, with the majority of these males being white (56.7%). Among the females, the majority were also white (52.1%). Blacks of both sexes comprised 44.3% of the deaths among 45-54 year olds in 1998 (Table D10).
- In 1998 there was an increase in death rates for both sexes among blacks and for white males but a decrease for white females (Table D16).

**Table D16. Ages 45-54 Years: Death Rates\* by Race and Sex  
Louisiana, 1987-1998**

<b>Race &amp; Sex</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
White Male	672.2	666.7	613.9	583.4	639.2	590.6	583.3	607.6	592.3	581.9	509.7	554.8
White Female	314.3	332.5	358.3	322.6	347.6	315.3	298.0	338.5	345.3	336.6	307.8	295.6
Black Male	1369.7	1223.7	1366.4	1409.4	1303.2	1280.5	1328.4	1213.4	1362.3	1204.8	1159.9	1197.8
Black Female	670.7	750.6	737.2	706.6	642.1	680.1	732.8	659.4	631.1	641.8	607.8	623.0

\*Rate per 100,000 sex/race/age-specific population

The **leading causes of death among 45-54 year olds** in 1998 were the following (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Malignant neoplasms** caused 902 deaths (30%). Lung cancer, which accounted for nearly 26.8% of cancer deaths in this age group, was the most common site of cancer among 45-54 year olds in 1998. Unlike in

previous age groups, lung cancer emerged as a major cause of death. The female breast was the second leading site of cancer mortality among 45-54 year olds.

- **Diseases of the heart** caused 768 deaths (25.6%) in 1998, versus 724 deaths to people in this age group in 1997. In 1998, deaths from diseases of the heart included 71 deaths from hypertensive heart disease and 333 deaths from acute myocardial infarctions.
- **Accidents** caused 219 deaths (7.3%). In 1998, the number of accidents increased slightly from 194 deaths in 1997. The largest component was motor vehicle accidents.
- **Cerebrovascular disease** caused 144 deaths (4.8%).
- **Diabetes** caused 115 deaths (3.8%). This age group was the first to see diabetes included in the five leading causes of death.

### Ages 55-64 Years

- In 1998, there were 4,822 deaths to Louisiana residents aged 55-64 years. Of these deaths, 61.7% were white and 59.6% were male. White males comprised 37.4% of the total deaths in this age group, while black females comprised 15.7% (Table D10).
- Death rates for white males in this age group have fallen steadily during the past 10 years. Rates for white females have remained fairly static for the past 10 years (Table D17).

<b>Table D17. Ages 55-64 Years: Death Rates* by Race and Sex</b>												
<b>Louisiana, 1987-1998</b>												
<b>Race &amp; Sex</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
White Male	1747.8	1779.8	1729.6	1667.6	1653.4	1578.9	1527.9	1516.8	1436.7	1484.1	1412.1	1351.6
White Female	907.4	904.5	923.2	870.7	908.2	824.8	915.1	844.9	815.0	841.6	837.1	819.6
Black Male	2562.9	2740.1	2734.8	2730.8	2911.0	2704.8	2739.3	2525.3	2563.5	2458.8	2517.9	2649.7
Black Female	1498.3	1609.8	1674.1	1643.3	1543.7	1601.9	1538.1	1381.7	1462.2	1303.8	1446.9	1392.1

\*Rate per 100,000 sex/race/age-specific population

The 1998 **leading causes of death among those aged 55-64 years** were as follow (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Malignant neoplasms** caused 1,671 deaths (34.7%). Lung cancer was the most common cause of cancer mortality for 55-64 year olds in 1998, followed by colon and malignant without specification of site. These three cancers accounted for nearly 52.1% of all cancer deaths and 18.0% of all deaths in this age group.
- **Diseases of the Heart** caused 1,357 deaths (28.1%).
- **Diabetes** caused 304 deaths (6.3%).
- **Cerebrovascular disease** caused 221 deaths (4.6%).
- **Chronic obstructive pulmonary diseases (COPD)** caused 183 deaths (3.8%). This includes bronchitis, emphysema, and asthma.

### Ages 65-74 Years

- In 1998, there were 8,319 deaths to Louisiana residents. Among these, 69.3% were white, and 55.9% were male (Table D10).
- Death rates declined for both sexes of whites but increased for both sexes of blacks (Table D18).

**Table D18. Ages 65-74 Years: Death Rates\* by Race and Sex  
Louisiana, 1987-1998**

Race & Sex	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
White Male	3938.0	3940.4	3823.8	3767.9	3903.3	3573.8	3726.2	3544.9	3580.5	3540.8	3629.5	3499.3
White Female	2058.3	2087.3	2092.1	2087.7	2063.3	2030.8	2106.9	2082.0	2120.1	2053.8	2126.2	2120.4
Black Male	4996.8	5326.0	5425.8	5181.9	5167.1	5129.5	5276.7	4605.2	4818.3	4813.6	4767.4	4859.5
Black Female	3068.7	2991.5	3217.2	3102.2	3038.9	2997.8	2963.9	2983.5	2992.6	3059.6	2876.7	3012.4

\*Rate per 100,000 sex/race/age-specific population

These were the **leading causes of death in those aged 65-74 years** in 1998 (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Malignant neoplasms** caused 2,702 deaths (32.5%). The most common types were cancer of the lung, followed by colon and malignant without specification of site. Mortality due to lung cancer alone occurred at two and half times the frequency of colon and malignant without specification of site combined, and accounted for 36.9% of all cancer deaths among 65-74 year olds.
- **Diseases of the Heart** caused 2,398 deaths (28.8%). Among the 2,398 deaths due to heart disease, 198 cases were caused by hypertensive heart disease, and 867 were cases of acute myocardial infarction.
- **Cerebrovascular disease** caused 477 deaths (5.7%).
- **Diabetes** caused 462 deaths (5.6%).
- **Chronic obstructive pulmonary disease (COPD)** caused 451 deaths (5.4%).

#### **Ages 75-84 Years**

- Among the 10,725 deaths to Louisiana residents aged 75-84 years, 74.0% were white, and 52.3% were female (Table D10).
- In 1998, death rates rose for both sexes of blacks but fell for both sexes of whites (Table D19).

**Table D19. Ages 75-84 Years: Death Rates\* by Race and Sex  
Louisiana, 1987-1998**

Race & Sex	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
White Male	8785.2	8980.0	8395.0	8584.7	8599.4	8247.6	8336.8	8137.4	8255.1	7850.9	7999.1	7596.6
White Female	5062.0	5441.8	5288.8	5141.7	5172.6	5115.6	5347.5	5102.9	5321.2	5243.0	5285.0	5139.8
Black Male	9315.9	9281.5	9097.5	9311.0	9462.3	8588.8	9437.2	8944.9	8966.7	8790.6	9006.3	9178.3
Black Female	6399.7	6272.0	6153.9	5780.1	6033.4	5521.7	6226.3	6328.7	6070.0	5947.5	6057.5	6491.0

\*Rate per 100,000 sex/race/age-specific population

The **1998 leading causes of death for the 75-84 years age group** were as follows (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Diseases of the heart** caused 3,463 deaths (32.3%). This was the first age group in which heart disease exceed malignant neoplasms in numbers of deaths. There were 294 deaths due to hypertensive heart disease and 1,051 due to acute myocardial Infarctions.
- **Malignant neoplasms** caused 2,513 deaths (23.4%). Cancer was the second leading cause of death in this age group. The leading cause of cancer death was lung cancer, followed by colon, prostate, malignant neoplasm without specification of site, and pancreas. These five together account for 61.7% of all cancer deaths among 75-84 year olds.
- **Cerebrovascular disease** caused 770 deaths (7.2%).
- **Chronic obstructive pulmonary disease (COPD)** caused 595 deaths (5.5%).
- **Diabetes** caused 543 deaths (5.1%).

This age group saw the emergence of some causes that are of note among older age groups:

- **Accidents** caused 180 deaths and were the eighth leading cause of death. In 1998, motor vehicle was the most common cause of accidental death.
- **Alzheimer's disease** caused 176 deaths and was the ninth ranked cause of death for this age group.

### **Ages 85 Years & Older**

- In 1998, there were 8,798 deaths to Louisiana residents aged 85 years and older. Among these, 75.9% were white and 68.9% were female (Table D10).
- Death rates in all race/sex groups have remained stable during the 1990's (Table D20).

**Table D20. Ages 85 Years & Older: Death Rates\* by Race and Sex  
Louisiana, 1987-1998**

<b>Race &amp; Sex</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>
White Male	18383.2	19203.6	18524.6	18182.9	18486.3	18677.0	19443.2	19179.8	18964.5	18859.4	19389.2	17619.1
White Female	14694.2	15141.6	14601.5	15090.6	15110.7	14463.4	14964.7	15346.6	15373.8	15516.1	15646.6	15711.3
Black Male	15140.4	17127.5	16299.8	16712.5	17037.8	17103.9	18048.4	16805.7	17589.2	17795.6	17734.8	17137.4
Black Female	13613.4	14738.1	14177.3	13490.6	13933.9	13075.8	14413.8	13705.9	13722.6	13583.5	14001.5	13719.6

\*Rate per 100,000 sex/race/sex-specific population

In 1998 the following were the **leading causes of death among those aged 85 years and older** (Table D7). Numbers in parentheses are the percent of total deaths in this age group.

- **Diseases of the heart** caused 3,384 deaths (38.5%). This included 286 deaths to hypertensive heart disease and 758 deaths to acute myocardial infarctions.
- **Malignant neoplasms** caused 1,071 deaths (12.2%). Lung was the most common site, followed by colon, prostate, malignant without specification of site, and pancreas. Together, these five leading cancer sites accounted for 55.8% of total cancer deaths in this age group.
- **Cerebrovascular disease** caused 826 deaths (9.4%).
- **Pneumonia/influenza** caused 494 deaths (5.6%).
- **Diabetes** caused 326 deaths (3.7%).

Notable causes of death which were not among the top five were:

- **Alzheimer's disease** caused 205 deaths and was the seventh leading cause of death among those 85 years and older.
- **Accidents** caused 144 deaths and was the eleventh-ranked cause of death among those 85 years and older in Louisiana in 1998. Falls were the most common of the accidental deaths in this age group. Motor vehicle accidents were the second-ranked cause of accidental death.

### **Mortality by Selected Causes of Death: Crude and Age-Adjusted Rates**

Table D21 describes 1998 deaths to Louisiana residents from a number of selected causes. For each of the selected causes of death, Table D21 includes counts for each sex/race/age group, age-adjusted death rates for each sex/race group, and crude death rates for all groups combined.

The age-adjusted death rates are useful for comparing sex/race differences in rates of death from specific causes, but they have no meaning outside these comparisons and should not be compared to the crude rates. The crude death rates are useful for defining the rate of death from specific causes in the population as a whole.

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			AGE IN YEARS														
		CRUDE*	AGE- ADJ**	RACE SEX	LT	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85+	UNK	
					1	4	9	14	19	24	34	44	54	64	74	84			
TOTAL	40209 13418 13769 6680 6130 123 89	920.3	572.9 628.3 390.5 1023.4 589.0 389.3 234.0	ALL WM WF BM BF OM OF	606 125 93 205 178 3 2	140 35 20 44 41 - -	71 13 16 23 18 - -	80 25 16 125 12 1 -	317 110 56 180 23 2 1	442 154 52 342 53 12 2	959 323 137 342 139 12 6	1913 639 340 572 348 9 5	3004 1068 585 802 529 12 8	4822 1802 1175 1049 758 22 16	8319 3284 2483 1339 1170 27 16	10725 3830 4107 1260 1490 22 16	8798 2001 4676 722 1371 11 17	13 9 3 1 - - -	
SHIGELLOSIS AND AMEBIASIS- (004-006)	- - - - - -	-	0.0 0.0 0.0 0.0 0.0 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	
CERTAIN OTHER INTESTINAL INFECTIONS- (007-009)	10 1 5 3 1 - -	0.2	0.2 0.1 0.3 0.4 0.0 0.0 0.0	ALL WM WF BM BF OM OF	6 1 2 3 - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - 1 - - -	1 - 1 - - - -	- - 1 - - - -	- - - - - - -	2 - 1 - 1 - - -	- - - - - - -	
TUBERCULOSIS- (010-018)	32 12 4 10 6 - -	0.7	0.5 0.6 0.1 1.6 0.7 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - 1 - -	1 - - - - 1 - -	- - - - - 1 -	2 - - 1 - 1 - -	1 - - - 3 1 - -	8 - 1 - 3 1 - -	9 5 - 3 1 - -	6 3 1 2 - - -	5 1 2 1 1 - -	- - - - - - -	
WHOOPING COUGH- (033)	- - - - - - -	-	0.0 0.0 0.0 0.0 0.0 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	
STREPTOCOCCAL SORE THROAT, SCARLATINA AND ERYSIPELAS- (034-035)	1 - - 1 - - -	0.0	0.0 0.0 0.0 0.2 0.0 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	1 - - 1 - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	
MENINGOCOCCAL INFECTION- (036)	5 - 3 1 1 - -	0.1	0.1 0.0 0.3 0.1 0.1 0.0 0.0	ALL WM WF BM BF OM OF	2 - 1 1 - - -	- - - - - - -	- - - - - - -	1 - 1 - - - -	- - 1 - - - -	1 - 1 - - - -	- - - - - - -	1 - - - - 1 -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	
SEPTICEMIA- (038)	611 134 204 124 146 1 2	14.0	7.7 5.6 5.3 17.2 12.5 3.5 5.5	ALL WM WF BM BF OM OF	6 - - 2 3 - 1	4 1 1 1 1 - -	- - - - - - -	- - - - - - -	1 1 - - - - -	3 1 1 1 - - -	7 - 1 3 4 3 - -	15 4 3 4 4 - -	34 6 8 12 8 - -	72 19 20 19 12 1 1	101 22 28 23 28 - -	185 48 63 28 46 - -	183 32 79 31 41 - -	- - - - - - -	
AIDS- (042-044)	359 92 10 200 56 - 1	8.2	8.1 5.9 0.7 33.3 7.8 0.0 2.3	ALL WM WF BM BF OM OF	- - - - - - -	3 - 1 - 1 - - -	1 - - - 1 - - -	- - - - - - -	- - - - - - -	10 - - 4 5 - - -	93 16 3 57 17 - -	156 44 1 94 16 - 1	72 22 2 36 12 - -	18 8 2 8 2 - -	5 2 - - 1 - -	1 - - - 1 - - -	- - - - - - -	- - - - - - -	

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES		RACE SEX	AGE IN YEARS														
		CRUDE*	AGE- ADJ**		LT	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85+	UNK	
					1	4	9	14	19	24	34	44	54	64	74	84			
ACUTE POLIOMYELITIS- (045)	-	-	0.0	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	WF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEASLES- (055)	-	-	0.0	ALL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	WF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-	-	0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIRAL HEPATITIS- (070)	132	3.0	2.5	ALL	-	-	-	-	2	-	5	25	33	19	27	16	5	-	
	43		2.4	WM	-	-	-	-	2	-	1	10	7	7	8	7	1	-	
	36		1.6	WF	-	-	-	-	-	-	2	2	6	6	10	6	4	-	
	31		5.3	BM	-	-	-	-	-	-	2	7	11	3	6	2	-	-	
	20		2.6	BF	-	-	-	-	-	-	-	5	9	2	3	1	-	-	
	2		5.9	OM	-	-	-	-	-	-	-	1	-	1	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SYPHILIS- (090-097)	1	0.0	0.0	ALL	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
	1		0.1	WM	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
	-		0.0	WF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ALL OTHER INFECTIOUS AND PARASITIC DISEASES- (REMAINDER OF 001-139)	127	2.9	2.1	ALL	6	1	-	-	1	-	3	13	16	19	27	22	19	-	
	33		1.7	WM	1	-	-	-	-	-	1	3	3	8	5	10	2	-	
	40		1.3	WF	-	1	-	-	1	-	-	-	2	2	13	9	12	-	
	24		3.9	BM	3	-	-	-	-	-	1	3	6	4	5	1	1	-	
	30		3.5	BF	2	-	-	-	-	-	1	7	5	5	4	2	4	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MALIGNANT NEOPLASMS, INCLUDING NEOPLASMS LYMPHATIC AND HEMATOPOIETIC TISSUES- (140-208)	9332	213.6	143.5	ALL	-	1	8	5	13	17	97	331	902	1671	2702	2513	1071	1	
	3502		164.9	WM	-	-	2	2	5	8	27	89	285	621	1129	1034	299	1	
	2969		107.3	WF	-	-	3	2	2	6	25	101	268	470	817	821	454	-	
	1539		245.4	BM	-	1	2	-	4	1	20	68	194	320	447	351	131	-	
	1275		135.4	BF	-	-	1	1	2	2	24	73	151	246	296	298	181	-	
	30		100.1	OM	-	-	-	-	-	-	1	-	3	10	7	6	3	-	
	17		48.2	OF	-	-	-	-	-	-	-	-	1	4	6	3	3	-	
MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX- (140-149)	147	3.4	2.4	ALL	-	-	-	-	-	-	3	7	28	31	31	29	18	-	
	65		3.3	WM	-	-	-	-	-	-	1	1	13	16	16	11	7	-	
	34		1.2	WF	-	-	-	-	-	-	-	2	5	5	6	9	7	-	
	36		6.1	BM	-	-	-	-	-	-	-	4	8	10	8	5	1	-	
	11		0.9	BF	-	-	-	-	-	-	1	-	2	-	1	4	3	-	
	1		2.9	OM	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS AND PERITONEUM- (150-159)	2232	51.1	32.9	ALL	-	-	-	1	-	4	17	68	207	367	617	613	338	-	
	837		39.6	WM	-	-	-	1	-	1	7	21	81	141	276	241	68	-	
	652		20.8	WF	-	-	-	-	-	3	4	19	41	68	175	193	149	-	
	391		61.8	BM	-	-	-	-	-	-	5	18	56	85	99	88	40	-	
	332		31.5	BF	-	-	-	-	-	-	1	10	28	65	62	89	77	-	
	14		48.0	OM	-	-	-	-	-	-	-	-	1	7	3	2	1	-	
	6		13.8	OF	-	-	-	-	-	-	-	-	-	1	2	-	3	-	
MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS- (160-165)	2923	66.9	47.0	ALL	-	-	-	-	1	-	10	57	254	632	1030	771	168	-	
	1255		60.3	WM	-	-	-	-	-	-	3	21	89	260	463	362	57	-	
	816		30.9	WF	-	-	-	-	-	-	3	13	67	159	276	227	71	-	
	582		97.5	BM	-	-	-	-	-	-	2	18	73	143	207	118	21	-	
	257		29.1	BF	-	-	-	-	1	-	2	5	24	65	80	61	19	-	
	8		28.4	OM	-	-	-	-	-	-	-	-	1	3	2	2	-	-	
	5		16.1	OF	-	-	-	-	-	-	-	-	-	2	2	1	-	-	

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			AGE IN YEARS														
		CRUDE*	AGE- ADJ**	RACE SEX	LT 1	1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+	UNK	
MALIGNANT NEOPLASM OF BREAST- (174-175)	668 5 449 3 210 - 1	15.3	11.0 0.2 18.1 0.5 24.9 0.0 2.5	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	13 - 4 - 9 - -	55 - 30 - 25 - -	122 - 68 - 53 - 1	120 1 84 1 34 -	156 - 113 1 42 30 -	128 3 94 1 30 -	74 1 56 - 17 -	- - - - - -	
MALIGNANT NEOPLASMS OF GENITAL ORGANS- (179-187)	933 324 233 224 145 3 4	21.4	13.0 12.6 9.3 31.1 16.3 6.3 13.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - 1 - -	2 1 - - 1 - -	1 - 5 - 6 - -	12 1 14 2 18 -	35 1 29 8 17 -	58 4 29 24 25 -	118 28 40 61 32 -	234 75 64 87 34 1 2	316 136 57 87 34 1 1	156 77 24 41 12 2 -	1 1 - - - -	
MALIGNANT NEOPLASMS OF URINARY ORGANS- (188-189)	365 172 100 39 54 - -	8.4	5.2 7.8 2.8 6.1 5.2 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	1 - - 1 - - -	1 1 - - - - -	- - - - - 1 -	2 1 - - - -	2 9 1 3 3 -	16 12 2 7 2 -	23 12 10 2 9 -	45 24 25 14 16 -	107 52 25 33 34 2 -	101 50 32 9 10 -	67 23 29 2 13 -	- - - - - -	
MALIGNANT NEOPLASMS OF ALL OTHER AND UNSPECIFIED OTHER AND UNSPECIFIED SITES- (170-173,190-199)	1154 480 376 143 152 2 1	26.4	18.2 23.6 13.9 22.9 16.3 8.5 2.9	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	5 1 3 - 1 - -	2 - 1 - 1 - -	6 2 1 3 - 1 -	9 5 7 6 5 -	28 10 14 12 7 -	61 28 33 20 15 -	123 55 63 31 32 -	210 84 63 33 34 -	283 128 86 33 34 2 -	285 127 98 25 34 1 -	142 40 67 13 22 -	- - - - - -	
LEUKEMIA- (204-208)	289 117 95 41 34 2 -	6.6	4.1 5.3 3.1 6.3 2.8 6.1 0.0	ALL WM WF BM BF OM OF	- - - - - - -	1 - - 1 - - -	2 1 - 1 - - -	- - - - - - -	3 2 - - - -	1 1 - - - -	5 3 1 5 1 -	13 2 5 6 3 -	24 4 10 6 3 -	37 13 11 10 3 -	58 32 17 5 4 -	93 44 29 4 15 1 -	52 15 22 7 8 -	- - - - - -	
OTHER MALIGNANT NEOPLASMS OF LYMPHATIC AND HEMATO- POIETIC TISSUES- (200-203)	621 247 214 80 80 - -	14.2	9.7 12.2 7.1 13.0 8.4 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	1 - 1 - - - -	1 - 1 - - - -	- - - 5 - -	7 2 - 6 4 -	19 6 3 6 7 -	63 27 13 16 7 -	111 54 30 14 13 -	186 87 55 19 25 -	177 60 82 14 21 -	56 11 29 6 10 -	- - - - - -	
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASMS OF UNCERTAIN BEHAVIOR AND OF UNSPECIFIED NATURE- (210-239)	172 60 66 19 26 1 -	3.9	2.6 2.9 2.4 2.9 2.5 2.9 0.0	ALL WM WF BM BF OM OF	3 1 2 - - - -	1 1 - - - - -	- - - - - - -	1 - 1 - - - -	1 - - 1 1 -	2 1 - - 1 -	6 1 2 - 1 -	6 3 3 - 3 -	14 6 9 2 3 -	21 7 9 2 3 -	40 15 16 5 4 -	52 20 17 6 9 -	25 5 13 2 5 -	- - - - - -	
DIABETES MELLITUS- (250)	1824 437 576 309 495 4 3	41.7	25.8 19.8 16.5 50.3 48.5 13.2 8.7	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - 1 - - -	1 - - - - 2 -	3 1 2 5 3 -	14 4 6 18 16 -	56 14 17 37 40 1	115 21 72 79 77 -	304 76 123 81 128 1	462 128 202 66 137 1	543 135 202 81 137 1	326 58 154 22 92 -	- - - - - -	
NUTRITIONAL DEFICIENCIES- (260-269)	103 16 52 20 15 - -	2.4	0.9 0.6 0.9 2.3 0.9 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - -	- - - - 1 1 -	2 2 - - 1 -	3 1 1 1 -	3 1 5 2 1 -	10 2 15 7 6 -	32 4 15 7 6 -	53 7 31 8 7 -	- - - - - -	



TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			RACE SEX	AGE IN YEARS													
		CRUDE*	AGE- ADJ**	LT 1		1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+	UNK	
ANEMIAS- (280-285)	79	1.8	1.0	ALL	1	1	-	-	-	1	4	7	5	3	10	22	25	-	
	13		0.5	WM	-	-	-	-	-	-	1	-	-	2	6	4	-		
	25		0.6	WF	-	-	-	-	-	-	-	-	1	6	9	9	-		
	18		2.3	BM	1	-	-	-	-	-	3	-	4	1	-	2	7	-	
	23		2.2	BF	-	1	-	-	-	1	1	6	1	1	2	5	5	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MENINGITIS- (320-322)	14	0.3	0.3	ALL	1	1	-	-	1	1	-	1	1	3	4	1	-	-	
	9		0.6	WM	-	1	-	-	-	1	-	1	1	2	2	1	-	-	
	1		0.1	WF	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4		0.7	BM	-	-	-	-	1	-	-	-	-	1	2	-	-	-	
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAJOR CARDIOVASCULAR DISEASES- (390-448)	15210	348.1	189.4	ALL	23	4	4	5	8	24	81	416	945	1650	3066	4484	4493	7	
	5005		215.5	WM	5	-	1	2	1	4	29	133	353	679	1227	1570	997	4	
	5634		127.7	WF	4	1	-	2	-	4	15	54	135	325	848	1737	2506	3	
	2100		316.8	BM	8	3	2	1	4	11	21	123	267	367	499	486	308	-	
	2396		210.3	BF	6	-	1	-	2	5	16	102	182	268	474	674	666	-	
	44		139.4	OM	-	-	-	-	1	-	-	4	6	5	12	10	6	-	
	31		97.3	OF	-	-	-	-	-	-	-	-	2	6	6	7	10	-	
DISEASES OF HEART- (390-398,402,404-429)	11830	270.8	149.4	ALL	14	4	4	3	6	22	66	335	768	1357	2398	3463	3384	6	
	4120		179.4	WM	5	-	1	1	-	4	24	120	315	586	1005	1279	777	3	
	4263		97.8	WF	2	1	-	1	-	3	11	42	105	265	651	1310	1869	3	
	1633		247.1	BM	2	3	2	1	4	11	20	95	212	298	370	379	236	-	
	1759		154.6	BF	5	-	1	-	2	4	11	74	130	199	357	483	493	-	
	33		106.7	OM	-	-	-	-	-	-	-	4	5	4	9	8	3	-	
	22		58.0	OF	-	-	-	-	-	-	-	-	1	5	6	4	6	-	
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE- (390-398)	34	0.8	0.5	ALL	-	-	-	-	-	-	1	3	4	3	9	10	4	-	
	10		0.5	WM	-	-	-	-	-	-	1	-	1	2	2	3	1	-	
	11		0.3	WF	-	-	-	-	-	-	-	1	-	1	2	5	2	-	
	2		0.3	BM	-	-	-	-	-	-	-	1	-	-	-	1	-	-	
	11		1.3	BF	-	-	-	-	-	-	-	1	3	-	5	1	1	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HYPERTENSIVE HEART DISEASE- (402)	1021	23.4	13.1	ALL	-	-	-	-	-	-	7	32	71	132	198	294	286	1	
	227		9.8	WM	-	-	-	-	-	-	-	11	18	33	46	81	37	1	
	332		7.0	WF	-	-	-	-	-	-	-	1	10	19	34	108	160	-	
	221		34.3	BM	-	-	-	-	-	-	5	14	24	47	55	48	28	-	
	236		21.9	BF	-	-	-	-	-	-	2	6	19	32	62	54	61	-	
	3		10.8	OM	-	-	-	-	-	-	-	-	-	-	1	2	-	-	
	2		6.1	OF	-	-	-	-	-	-	-	-	-	1	-	1	-	-	
HYPERTENSIVE HEART AND RENAL DISEASE- (404)	75	1.7	1.0	ALL	-	-	-	-	-	-	-	2	8	11	9	24	21	-	
	11		0.4	WM	-	-	-	-	-	-	-	1	-	1	1	4	4	-	
	15		0.3	WF	-	-	-	-	-	-	-	-	-	1	2	4	8	-	
	22		3.5	BM	-	-	-	-	-	-	-	1	4	7	2	5	3	-	
	27		2.3	BF	-	-	-	-	-	-	-	-	4	2	4	11	6	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ISCHEMIC HEART DISEASE- (410-414)	6372	145.8	83.9	ALL	1	1	1	-	-	2	24	179	474	833	1411	1885	1557	4	
	2504		111.5	WM	-	-	-	-	-	-	12	71	216	390	648	772	393	2	
	2204		53.9	WF	-	-	-	-	-	-	3	22	55	168	398	702	854	2	
	827		128.6	BM	-	1	1	-	-	2	5	44	134	168	191	181	100	-	
	800		72.3	BF	1	-	-	-	-	-	4	38	64	100	164	227	202	-	
	22		67.1	OM	-	-	-	-	-	-	-	4	4	4	5	2	3	-	
	15		38.3	OF	-	-	-	-	-	-	-	-	1	3	5	1	5	-	
ACUTE MYOCARDIAL INFARCTION- (410)	3720	85.1	51.8	ALL	1	1	-	-	-	2	16	126	333	562	867	1051	758	3	
	1484		68.7	WM	-	-	-	-	-	-	9	50	149	280	390	408	197	1	
	1185		31.5	WF	-	-	-	-	-	-	2	16	41	97	250	396	381	2	
	535		84.0	BM	-	1	-	-	-	2	3	28	99	116	111	114	61	-	
	490		45.5	BF	1	-	-	-	-	-	2	28	40	63	109	132	115	-	
	19		57.5	OM	-	-	-	-	-	-	-	4	3	3	5	1	3	-	
	7		20.1	OF	-	-	-	-	-	-	-	-	1	3	2	-	1	-	

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			RACE SEX	AGE IN YEARS													
		CRUDE*	AGE- ADJ**	LT 1		1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+	UNK	
OTHER ACUTE AND SUBACUTE FORMS OF ISCHEMIC HEART DISEASE- (411)	113	2.6	1.8	ALL	-	-	-	-	-	-	2	14	26	18	17	17	19	-	
	42		2.2	WM	-	-	-	-	-	-		5	13	8	8	4	4	-	
	37		1.2	WF	-	-	-	-	-	-	1	2	2	7	5	7	13	-	
	22		3.5	BM	-	-	-	-	-	-	1	4	6	2	4	4	1	-	
	11		1.3	BF	-	-	-	-	-	-		3	4	1	-	2	1	-	
	1		2.8	OM	-	-	-	-	-	-	-		1	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANGINA PECTORIS- (413)	17	0.4	0.2	ALL	-	-	-	-	-	-	-	-	-	3	2	6	6	-	
	4		0.2	WM	-	-	-	-	-	-	-	-	-	1	-	3	-	-	
	9		0.2	WF	-	-	-	-	-	-	-	-	-	1	1	3	4	-	
	3		0.4	BM	-	-	-	-	-	-	-	-	-	1	1	-	1	-	
	1		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ALL OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE- (412,414)	2522	57.7	30.1	ALL	-	-	1	-	-	-	6	39	115	250	525	811	774	1	
	974		40.4	WM	-	-	-	-	-	-	3	16	54	101	250	357	192	1	
	973		21.0	WF	-	-	-	-	-	-		4	12	63	142	296	456	-	
	267		40.7	BM	-	-	1	-	-	-	1	12	29	49	75	63	37	-	
	298		25.5	BF	-	-	-	-	-	-	2	7	20	36	55	93	85	-	
	2		6.8	OM	-	-	-	-	-	-	-	-	-	1	-	1	-	-	
	8		18.2	OF	-	-	-	-	-	-	-	-	-	-	3	1	4	-	
OTHER DISEASES OF ENDOCARDIUM- (424)	284	6.5	3.1	ALL	-	-	-	-	-	1	1	10	11	16	46	97	102	-	
	90		3.7	WM	-	-	-	-	-	-	1	3	7	8	19	30	22	-	
	137		2.8	WF	-	-	-	-	-	-	-	1	3	3	17	51	62	-	
	19		2.7	BM	-	-	-	-	-	1	-	4	1	2	5	1	5	-	
	37		2.7	BF	-	-	-	-	-	-	-	2	-	3	5	14	13	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1		2.9	OF	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
ALL OTHER FORMS OF HEART DISEASE- (415-423,425-429)	4044	92.6	47.8	ALL	13	3	3	3	6	19	33	109	200	362	725	1153	1414	1	
	1278		53.5	WM	5	-	1	1	-	4	10	34	73	152	289	389	320	-	
	1564		33.6	WF	2	1	-	1	-	3	8	17	37	73	198	440	783	1	
	542		77.7	BM	2	2	1	1	4	8	10	31	49	74	117	143	100	-	
	648		54.0	BF	4	-	1	-	2	4	5	27	40	62	117	176	210	-	
	8		28.8	OM	-	-	-	-	-	-	-	-	-	1	3	4	-	-	
	4		10.8	OF	-	-	-	-	-	-	-	-	-	-	1	1	1	-	
HYPERTENSION WITH OR WITHOUT RENAL DISEASE- (401,403)	226	5.2	2.7	ALL	1	-	-	-	-	-	1	7	12	24	46	58	77	-	
	44		1.7	WM	-	-	-	-	-	-	-	1	1	7	9	9	17	-	
	77		1.6	WF	-	-	-	-	-	-	-	-	1	4	11	25	36	-	
	41		6.4	BM	1	-	-	-	-	-	-	5	3	5	16	7	4	-	
	64		5.5	BF	-	-	-	-	-	-	1	1	7	8	10	17	20	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CEREBROVASCULAR DISEASE- (430-438)	2520	57.7	29.9	ALL	8	-	-	2	1	-	12	59	144	221	477	770	826	-	
	617		25.2	WM	-	-	-	1	1	-	5	10	27	65	146	209	153	-	
	1047		22.6	WF	2	-	-	1	-	-	2	10	25	44	143	330	490	-	
	364		54.5	BM	5	-	-	-	-	-	1	19	48	56	97	82	56	-	
	477		42.4	BF	1	-	-	-	-	-	4	20	42	54	88	145	123	-	
	10		30.1	OM	-	-	-	-	-	-	-	-	1	1	3	2	3	-	
	5		12.7	OF	-	-	-	-	-	-	-	-	1	1	-	2	1	-	
INTRACEREBRAL AND OTHER INTRACRANIAL HEMORRHAGE- (431-432)	420	9.6	6.5	ALL	3	-	-	1	-	-	4	23	70	65	94	102	58	-	
	124		6.0	WM	-	-	-	-	-	-	3	3	16	21	35	35	11	-	
	129		3.9	WF	2	-	-	1	-	-	-	3	9	11	25	43	35	-	
	92		15.4	BM	1	-	-	-	-	-	-	9	28	17	24	8	5	-	
	70		8.0	BF	-	-	-	-	-	-	1	8	16	15	9	15	6	-	
	2		5.7	OM	-	-	-	-	-	-	-	-	-	-	1	-	1	-	
	3		8.5	OF	-	-	-	-	-	-	-	-	1	1	-	1	-	-	
CEREBRAL THROMBOSIS AND UNSPECIFIED OCCLUSION OF CEREBRAL ARTERIES- (434.0,434.9)	182	4.2	2.0	ALL	-	-	-	-	-	-	1	4	8	9	37	54	69	-	
	45		1.8	WM	-	-	-	-	-	-	-	1	2	5	11	13	13	-	
	80		1.5	WF	-	-	-	-	-	-	-	1	-	1	13	21	44	-	
	22		3.4	BM	-	-	-	-	-	-	-	1	3	2	8	6	2	-	
	35		2.8	BF	-	-	-	-	-	-	1	1	3	1	5	14	10	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			RACE SEX	AGE IN YEARS														
		CRUDE*	AGE- ADJ**	LT 1		1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+ 1	UNK		
CEREBRAL EMBOLISM- (434.1)	6 1 5 - - - -	0.1	0.1 0.0 0.1 0.0 0.0 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	1 - - - - - -	- - - - - - -	- - - - - - -	1 - - - - - -	2 1 1 - - - -	2 - 2 - - - -	- - - - - - -		
ALL OTHER AND LATE EFFECTS OF CEREBROVASCULAR DISEASE- (430,433,435-438)	1912 447 833 250 372 8 2	43.8	21.3 17.4 17.1 35.7 31.6 24.4 4.1	ALL WM WF BM BF OM OF	5 - - 4 1 - -	- - - - - - -	- - - - - - -	1 1 - - - - -	1 1 - - - - -	- - - - - - -	7 2 2 1 2 - -	31 6 5 9 11 - -	66 9 16 17 23 1 -	147 39 32 37 38 1 -	345 100 104 65 74 2 -	612 160 265 68 116 2 1	697 129 409 49 107 2 1	- - - - - - -		
ATHEROSCLEROSIS- (440)	225 67 105 20 30 - 3	5.1	2.0 2.4 1.7 2.4 1.7 0.0 5.4	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	3 2 - 1 - - -	5 3 - 1 1 - -	30 12 10 5 3 - -	78 29 34 4 10 - 1	109 21 61 9 16 - 2	- - - - - - -		
OTHER DISEASES OF ARTERIES ARTERIOLES, AND CAPILLARIES- (441-448)	409 157 142 42 66 1 1	9.4	5.4 6.7 3.9 6.4 6.1 2.6 1.2	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	1 - - - - 1 -	2 - 1 - - - -	2 - 2 - - 7 - -	15 2 2 4 3 3 -	18 8 4 3 6 - -	43 18 12 7 6 - -	115 55 33 11 16 - -	115 44 38 14 19 - -	97 29 50 3 14 - 1	1 1 - - - - -		
ACUTE BRONCHITIS, AND BRONCHIOLITIS- (466)	9 3 3 1 2 - -	0.2	0.2 0.2 0.2 0.1 0.3 0.0 0.0	ALL WM WF BM BF OM OF	1 - - - 1 - -	1 1 - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	1 - 1 - - - -	- - - - - - -	- - - - - - -	2 1 - - 1 - -	1 - 1 - - - -	1 1 - - - - -	2 - 1 1 - - -	- - - - - - -	- - - - - - -		
PNEUMONIA AND INFLUENZA- (480-487)	1102 345 460 145 148 3 1	25.2	11.5 12.9 8.9 18.2 11.1 9.3 3.2	ALL WM WF BM BF OM OF	9 1 1 3 3 1 -	2 - - 1 1 1 - -	1 - - - 1 1 - -	1 - - 1 1 1 - -	5 2 1 1 1 - -	5 1 1 1 2 - -	13 3 4 5 3 1 -	25 9 5 5 6 - -	33 12 5 14 2 - -	54 21 12 10 10 - 1	142 55 46 21 19 - -	316 114 122 39 41 - -	494 125 263 47 59 - -	2 2 - - - - -		
PNEUMONIA- (480-486)	1085 336 455 143 147 3 1	24.8	11.3 12.6 8.8 17.9 11.1 9.3 3.2	ALL WM WF BM BF OM OF	9 1 1 3 3 1 -	2 - - 1 1 1 - -	1 - - - 1 1 - -	1 - - 1 1 1 - -	5 2 - 1 1 - -	5 1 1 1 2 - -	13 3 4 2 3 - -	24 9 5 4 6 - -	32 12 5 13 2 - -	54 21 12 10 10 - 1	138 52 45 21 19 - -	310 109 121 39 41 - -	489 124 260 47 58 - -	2 2 - - - - -		
INFLUENZA- (487)	17 9 5 2 1 - -	0.4	0.2 0.4 0.1 0.3 0.0 0.0 0.0	ALL WM WF BM BF OM OF	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	- - - - - - -	1 - - - 1 - -	1 - - - 1 - -	- - - - - - -	4 3 1 - - -	6 5 1 - - -	5 1 3 - 1 -	- - - - - -		
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS- (490-496)	1563 626 622 180 129 2 4	35.8	20.8 26.2 18.2 26.7 13.6 7.5 12.7	ALL WM WF BM BF OM OF	- - - - - - -	1 - - - - 1 - -	1 - 1 - - - - -	1 - - - - - - -	- - - - - - -	2 - - 1 1 6 - -	8 - 1 1 5 5 -	16 5 11 9 11 - -	49 18 64 31 18 - 2	183 64 68 53 34 - 1	451 194 168 52 37 1 1	595 257 247 52 37 1 1	256 88 125 28 15 - -	- - - - - - -		

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			RACE SEX	AGE IN YEARS														
		CRUDE*	AGE- ADJ**	LT 1		1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85+	UNK		
						4	9	14	19	24	34	44	54	64	74	84				
BRONCHITIS, CHRONIC AND UNSPECIFIED- (490-491)	29	0.7	0.4	ALL	-	-	-	1	-	-	-	-	1	-	4	9	9	5	-	
	14		0.6	WM	-	-	-	-	-	-	-	-	-	1	6	4	3	-		
	8		0.3	WF	-	-	-	-	-	-	-	-	-	3	-	3	2	-		
	3		0.5	BM	-	-	-	-	-	-	-	1	-	-	2	-	-	-		
	4		0.7	BF	-	-	-	1	-	-	-	-	-	-	1	2	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EMPHYSEMA- (492)	269	6.2	3.8	ALL	-	-	-	-	-	-	-	-	3	10	40	85	95	36	-	
	104		4.5	WM	-	-	-	-	-	-	-	1	3	12	38	38	12	-		
	115		3.3	WF	-	-	-	-	-	-	-	-	2	14	27	52	20	-		
	34		5.5	BM	-	-	-	-	-	-	-	2	3	8	12	5	4	-		
	14		1.9	BF	-	-	-	-	-	-	-	-	2	5	7	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	2		6.6	OF	-	-	-	-	-	-	-	-	-	1	1	-	-	-		
ASTHMA- (493)	97	2.2	1.6	ALL	-	1	-	-	-	2	6	5	11	17	27	16	12	-		
	14		0.7	WM	-	-	-	-	-	-	-	-	2	1	6	5	-			
	32		1.1	WF	-	-	-	-	-	-	1	-	3	5	9	3	11	-		
	15		2.6	BM	-	-	-	-	-	1	1	1	-	4	6	2	-	-		
	36		4.5	BF	-	1	-	-	-	1	4	4	6	7	6	6	1	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OTHER CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND AL-LIED CONDITIONS- (494-496)	1168	26.7	15.0	ALL	-	-	1	-	-	-	2	7	28	122	330	475	203	-		
	494		20.5	WM	-	-	-	-	-	-	-	4	13	50	144	210	73	-		
	467		13.5	WF	-	-	1	-	-	-	-	1	6	46	132	189	92	-		
	128		18.1	BM	-	-	-	-	-	-	-	1	6	19	33	45	24	-		
	75		6.8	BF	-	-	-	-	-	-	2	1	3	6	20	29	14	-		
	2		7.5	OM	-	-	-	-	-	-	-	-	-	-	1	1	-	-		
	2		6.1	OF	-	-	-	-	-	-	-	-	-	1	1	-	-	-		
ULCER OF STOMACH AND DUODENUM- (531-533)	39	0.9	0.4	ALL	-	-	-	-	-	-	-	2	4	1	8	8	16	-		
	15		0.6	WM	-	-	-	-	-	-	-	1	2	1	4	3	4	-		
	14		0.3	WF	-	-	-	-	-	-	-	1	-	-	3	4	6	-		
	3		0.5	BM	-	-	-	-	-	-	-	-	2	-	1	-	-	-		
	7		0.2	BF	-	-	-	-	-	-	-	-	-	-	-	1	6	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
APPENDICITIS- (540-543)	6	0.1	0.1	ALL	1	-	-	-	-	-	-	-	-	1	1	3	-	-		
	2		0.1	WM	-	-	-	-	-	-	-	-	-	-	-	2	-	-		
	1		0.0	WF	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
	2		0.2	BM	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
	1		0.1	BF	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HERNIA OF ABDOMINAL CAVITY AND INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA- (550-553,560)	119	2.7	1.4	ALL	2	1	-	-	-	1	1	2	3	7	24	37	41	-		
	17		0.7	WM	-	-	-	-	-	-	-	1	1	-	4	8	3	-		
	62		1.4	WF	-	-	-	-	-	-	-	1	1	3	9	22	26	-		
	19		2.7	BM	2	1	-	-	-	1	-	-	1	2	5	4	3	-		
	20		1.7	BF	-	-	-	-	-	-	1	-	-	2	6	3	8	-		
	1		1.5	OM	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CHRONIC LIVER DISEASE AND CIRRHOSIS- (571)	376	8.6	6.8	ALL	-	-	-	-	-	-	4	50	102	62	93	50	15	-		
	165		9.0	WM	-	-	-	-	-	-	1	18	49	35	40	16	6	-		
	104		4.1	WF	-	-	-	-	-	-	1	8	14	9	36	28	8	-		
	71		12.1	BM	-	-	-	-	-	-	1	17	29	12	7	4	1	-		
	34		4.4	BF	-	-	-	-	-	-	1	7	10	5	9	2	-	-		
	2		7.7	OM	-	-	-	-	-	-	-	-	-	1	1	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CHOLELITHIASIS AND OTHER DISORDERS OF GALLBLADDER- (574-575)	52	1.2	0.6	ALL	-	-	-	-	-	1	1	1	2	5	8	14	20	-		
	15		0.6	WM	-	-	-	-	-	-	-	-	1	1	4	8	1	-		
	22		0.3	WF	-	-	-	-	-	-	-	-	-	-	2	4	16	-		
	7		1.2	BM	-	-	-	-	-	-	1	1	1	2	1	-	1	-		
	8		0.8	BF	-	-	-	-	-	1	-	-	-	2	1	2	2	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			RACE SEX	AGE IN YEARS														
		CRUDE*	AGE- ADJ**	LT 1		1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+ 	UNK		
NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS- (580-589)	623	14.3	7.7	ALL	4	-	-	-	-	-	-	3	16	31	58	125	218	168	-	
	173		7.0	WM	2	-	-	-	-	-	-	2	10	8	44	73	34	-		
	208		5.3	WF	1	-	-	-	-	-	-	3	4	17	33	85	65	-		
	100		13.8	BM	1	-	-	-	-	-	1	5	7	16	20	24	26	-		
	138		11.9	BF	-	-	-	-	-	-	2	6	9	16	27	35	43	-		
	1		3.5	OM	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
	3		8.8	OF	-	-	-	-	-	-	-	-	1	-	1	1	-	-		
RENAL FAILURE, DISORDERS RESULTING FROM IMPAIRED RENAL FUNCTION, AND SMALL KIDNEY OF UNKNOWN CAUSE- (584-586, 588-589)	585	13.4	7.2	ALL	4	-	-	-	-	-	3	16	27	58	116	203	158	-		
	162		6.5	WM	2	-	-	-	-	-	-	2	7	8	41	68	34	-		
	198		5.0	WF	1	-	-	-	-	-	-	3	4	17	31	80	62	-		
	92		12.9	BM	1	-	-	-	-	-	1	5	7	16	19	20	23	-		
	129		11.2	BF	-	-	-	-	-	-	2	6	8	16	24	34	39	-		
	1		3.5	OM	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
	3		8.8	OF	-	-	-	-	-	-	-	-	1	-	1	1	-	-		
OTHER NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS- (580-583,587)	38	0.9	0.4	ALL	-	-	-	-	-	-	-	-	4	-	9	15	10	-		
	11		0.5	WM	-	-	-	-	-	-	-	-	3	-	3	5	-	-		
	10		0.2	WF	-	-	-	-	-	-	-	-	-	-	2	5	3	-		
	8		0.9	BM	-	-	-	-	-	-	-	-	-	-	1	4	3	-		
	9		0.7	BF	-	-	-	-	-	-	-	-	1	-	3	1	4	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INFECTIONS OF KIDNEY- (590)	16	0.4	0.1	ALL	-	-	-	-	-	-	-	-	2	1	-	3	10	-		
	1		0.0	WM	-	-	-	-	-	-	-	-	-	-	-	1	-	-		
	10		0.2	WF	-	-	-	-	-	-	-	-	1	-	-	1	8	-		
	1		0.2	BM	-	-	-	-	-	-	-	-	-	1	-	-	-	-		
	4		0.3	BF	-	-	-	-	-	-	-	-	1	-	-	1	2	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HYPERPLASIA OF PROSTATE- (600)	6	0.1	0.1	ALL	-	-	-	-	-	-	-	-	-	-	1	3	2	-		
	5		0.2	WM	-	-	-	-	-	-	-	-	-	-	1	3	1	-		
	-		0.0	WF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	1		0.1	BM	-	-	-	-	-	-	-	-	-	-	-	-	1	-		
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM- (630-676)	2	0.0	0.0	ALL	-	-	-	-	-	1	-	1	-	-	-	-	-	-		
	-		0.0	WM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	WF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	1		0.1	BF	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	1		2.7	OF	-	-	-	-	-	1	-	-	-	-	-	-	-	-		
CONGENITAL ANOMALIES- (740-759)	217	5.0	4.8	ALL	121	18	6	4	3	7	5	15	2	5	5	14	12	-		
	66		4.9	WM	38	2	1	4	1	2	1	4	-	4	2	6	1	-		
	59		3.9	WF	29	6	2	-	-	-	-	6	-	1	1	6	8	-		
	42		5.6	BM	24	4	2	-	-	3	1	2	2	-	2	2	-	-		
	48		6.0	BF	30	6	1	-	1	2	3	3	-	-	-	-	2	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	2		3.9	OF	-	-	-	-	1	-	-	-	-	-	-	-	1	-		
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD- (760-779)	294	6.7	7.2	ALL	291	2	-	1	-	-	-	-	-	-	-	-	-	-		
	43		3.5	WM	43	-	-	-	-	-	-	-	-	-	-	-	-	-		
	35		3.0	WF	35	-	-	-	-	-	-	-	-	-	-	-	-	-		
	122		14.9	BM	120	1	-	1	-	-	-	-	-	-	-	-	-	-		
	94		11.7	BF	93	1	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SYMPTOMS,SIGNS AND ILL-DEFINED CONDITIONS- (780-799)	610	14.0	8.4	ALL	68	4	-	-	1	2	14	25	26	52	92	152	174	-		
	172		8.2	WM	17	-	-	-	-	1	3	8	13	19	34	39	38	-		
	216		5.2	WF	6	-	-	-	-	-	1	4	2	12	27	74	90	-		
	120		17.4	BM	22	2	-	-	-	1	6	10	7	16	22	18	16	-		
	98		8.8	BF	21	2	-	-	1	-	4	3	4	5	9	20	29	-		
	2		5.4	OM	1	-	-	-	-	-	-	-	-	-	-	1	-	-		
	2		3.6	OF	1	-	-	-	-	-	-	-	-	-	-	-	1	-		

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			AGE IN YEARS														
		CRUDE*	AGE- ADJ**	RACE SEX	LT 1	1-4	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	UNK	
ACCIDENTS AND ADVERSE EFFECTS- (E800-E949)	1922	44.0	39.4	ALL	28	63	40	35	151	159	258	300	219	164	179	180	144	2	
	812		53.6	WM	9	23	8	12	65	91	125	135	101	62	80	61	38	2	
	467		24.4	WF	5	6	8	11	39	19	46	63	44	40	51	65	70	-	
	448		70.9	BM	5	18	13	7	37	40	68	73	61	51	29	29	17	-	
	172		19.5	BF	9	16	10	5	9	7	13	24	8	9	18	25	19	-	
	16		45.5	OM	-	-	1	-	1	1	5	3	3	1	1	-	-	-	
	7		18.2	OF	-	-	-	-	-	1	1	2	2	1	-	-	-	-	
RAILWAY ACCIDENTS- (E800-E807)	11	0.3	0.3	ALL	-	-	-	-	2	-	4	-	2	2	-	-	1	-	
	6		0.5	WM	-	-	-	-	2	-	2	-	-	2	-	-	-	-	
	1		0.1	WF	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
	3		0.5	BM	-	-	-	-	-	-	1	-	2	-	-	-	-	-	
	1		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOTOR VEHICLE ACCIDENTS- (E810-E825)	967	22.1	21.7	ALL	2	28	18	16	108	115	167	171	122	81	68	55	15	1	
	437		30.6	WM	-	9	5	6	46	68	80	73	56	33	33	21	6	1	
	237		15.4	WF	-	5	6	7	34	15	34	42	29	18	20	21	6	-	
	211		34.0	BM	-	10	5	2	20	26	40	38	25	25	8	9	3	-	
	67		8.9	BF	2	4	2	1	7	4	10	15	7	4	7	4	-	-	
	9		24.2	OM	-	-	-	-	1	1	2	2	3	-	-	-	-	-	
	6		15.9	OF	-	-	-	-	-	1	1	1	2	1	-	-	-	-	
WATER TRANSPORT ACCIDENTS- (E830-E838)	32	0.7	0.8	ALL	-	-	1	1	3	4	8	6	5	2	2	-	-	-	
	14		1.0	WM	-	-	-	-	-	2	4	3	3	-	2	-	-	-	
	2		0.2	WF	-	-	-	1	-	-	-	1	-	-	-	-	-	-	
	11		1.8	BM	-	-	-	-	1	2	3	2	2	1	-	-	-	-	
	2		0.3	BF	-	-	-	-	2	-	-	-	-	-	-	-	-	-	
	3		8.9	OM	-	-	1	-	-	-	1	-	-	1	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ACCIDENTAL DROWNING AND SUBMERSION IN WATER TRANSPORT ACCIDENT- (E830,E832)	21	0.5	0.5	ALL	-	-	1	1	3	3	4	3	3	1	2	-	-	-	
	6		0.4	WM	-	-	-	-	-	1	1	1	1	-	2	-	-	-	
	1		0.1	WF	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
	10		1.7	BM	-	-	-	-	1	2	2	2	2	1	-	-	-	-	
	2		0.3	BF	-	-	-	-	2	-	-	-	-	-	-	-	-	-	
	2		5.4	OM	-	-	1	-	-	-	1	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTHER WATER TRANSPORT ACCIDENT- (E831, E833-E838)	11	0.3	0.3	ALL	-	-	-	-	-	1	4	3	2	1	-	-	-	-	
	8		0.6	WM	-	-	-	-	-	1	3	2	2	-	-	-	-	-	
	1		0.1	WF	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
	1		0.2	BM	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1		3.5	OM	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AIR AND SPACE TRANSPORT ACCIDENTS- (E840-E845)	7	0.2	0.2	ALL	-	-	-	1	-	1	-	2	1	1	1	-	-	-	
	4		0.2	WM	-	-	-	-	-	-	-	1	1	1	1	-	-	-	
	3		0.2	WF	-	-	-	1	-	1	-	1	-	-	-	-	-	-	
	-		0.0	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ACCIDENTAL POISONING- (E850-E869)	125	2.9	2.7	ALL	1	-	-	-	5	14	22	41	17	11	5	7	2	-	
	52		3.6	WM	-	-	-	-	4	9	9	17	8	-	3	2	-	-	
	33		2.0	WF	1	-	-	-	1	2	4	10	5	6	2	1	1	-	
	32		5.2	BM	-	-	-	-	-	2	7	12	4	4	-	2	1	-	
	6		0.7	BF	-	-	-	-	-	1	1	1	-	1	-	2	-	-	
	1		2.9	OM	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
	1		2.3	OF	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
ACCIDENTAL POISONING BY SOLID AND LIQUID SUBSTANCES- (E850-E866)	112	2.6	2.5	ALL	1	-	-	-	5	10	22	37	16	10	4	5	2	-	
	45		3.1	WM	-	-	-	-	4	7	9	14	7	-	2	2	-	-	
	32		2.0	WF	1	-	-	-	1	2	4	10	5	5	2	1	1	-	
	29		4.8	BM	-	-	-	-	-	1	7	11	4	4	-	1	1	-	
	4		0.5	BF	-	-	-	-	-	-	1	1	-	1	-	1	-	-	
	1		2.9	OM	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
	1		2.3	OF	-	-	-	-	-	-	-	1	-	-	-	-	-	-	

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			AGE IN YEARS															
		CRUDE*	AGE- ADJ**	RACE SEX	LT	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85+	UNK		
					1	4	9	14	19	24	34	44	54	64	74	84				
ACCIDENTAL POISONING BY GASES AND VAPOURS- (E867-E869)	13	0.3	0.3	ALL	-	-	-	-	-	4	-	4	1	1	1	2	-	-		
	7		0.5	WM	-	-	-	-	-	2	-	3	1	-	1	-	-	-		
	1		0.1	WF	-	-	-	-	-	-	-	-	-	-	1	-	-	-		
	3		0.4	BM	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-	
	2		0.2	BF	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MISADVENTURE DURING MEDICALCARE, ABNORMAL REACTION, AND LATE COMPLICATIONS- (E870-E879)	62	1.4	0.9	ALL	-	1	-	1	-	2	-	2	6	9	14	17	10	-		
	16		0.7	WM	-	-	-	-	-	-	-	-	1	2	7	4	2	-		
	22		0.7	WF	-	-	-	-	-	-	-	-	2	3	5	8	4	-		
	14		2.0	BM	-	-	-	-	-	2	-	1	2	3	-	4	2	-		
	10		1.1	BF	-	1	-	1	-	-	-	1	1	1	2	1	2	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ACCIDENTAL FALLS- (E880-E888)	190	4.3	2.3	ALL	-	-	-	2	2	3	4	16	13	11	23	41	75	-		
	75		3.4	WM	-	-	-	1	1	3	3	7	9	3	10	14	24	-		
	77		1.6	WF	-	-	-	-	1	-	-	1	1	4	8	19	43	-		
	25		3.8	BM	-	-	-	1	-	-	1	7	3	3	4	4	2	-		
	13		0.9	BF	-	-	-	-	-	-	-	1	-	1	1	4	6	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ACCIDENTS CAUSED BY FIRES AND FLAMES- (E890-E899)	92	2.1	1.8	ALL	1	12	11	2	1	3	7	8	9	9	6	14	9	-		
	23		1.4	WM	1	1	1	-	-	1	2	4	2	5	2	4	-	-		
	19		1.1	WF	-	-	2	1	1	-	3	-	3	2	2	3	2	-		
	26		3.7	BM	-	5	3	-	-	-	2	2	4	2	2	2	4	-		
	23		2.4	BF	-	6	5	1	-	2	-	1	-	-	-	5	3	-		
	1		2.4	OM	-	-	-	-	-	-	-	1	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ACCIDENTAL DROWNING AND SUBMERSION (EXCLUDING IN TRANSPORT)- (E910)	109	2.5	2.5	ALL	1	13	5	7	13	7	20	18	13	1	5	3	2	1		
	45		3.2	WM	1	8	-	2	4	2	7	7	7	1	2	3	-	1		
	14		0.9	WF	-	1	-	1	1	1	2	4	-	-	2	-	2	-		
	45		7.0	BM	-	3	3	3	8	4	10	7	6	-	1	-	-	-		
	5		0.7	BF	-	1	2	1	-	-	1	-	-	-	-	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INHALATION AND INGESTION OF FOOD OR OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION- (E911-E912)	74	1.7	1.2	ALL	7	3	-	-	-	1	3	6	7	7	15	13	12	-		
	29		1.7	WM	2	3	-	-	-	1	3	3	1	3	6	4	3	-		
	18		0.7	WF	-	-	-	-	-	-	-	1	3	3	3	4	4	-		
	12		1.7	BM	2	-	-	-	-	-	-	-	3	-	3	2	2	-		
	15		1.5	BF	3	-	-	-	-	-	-	2	-	1	3	3	3	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ACCIDENT CAUSED BY FIREARM MISSILE- (E922)	35	0.8	0.8	ALL	-	2	1	2	10	4	5	3	1	4	2	-	1	-		
	16		1.2	WM	-	1	-	1	5	1	3	1	1	2	1	-	-	-		
	4		0.2	WF	-	-	-	-	-	-	2	-	-	-	1	-	1	-		
	12		1.9	BM	-	-	-	-	5	3	2	-	-	2	-	-	-	-		
	3		0.4	BF	-	1	1	1	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ACCIDENT CAUSED BY EXPLOSIVE MATERIAL- (E923)	9	0.2	0.2	ALL	-	-	-	-	-	1	2	3	-	3	-	-	-	-		
	9		0.6	WM	-	-	-	-	-	1	2	3	-	3	-	-	-	-		
	-		0.0	WF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ACCIDENT CAUSED BY ELECTRIC CURRENT- (E925)	11	0.3	0.2	ALL	-	-	-	-	1	1	1	3	4	1	-	-	-	-		
	8		0.6	WM	-	-	-	-	1	1	1	2	3	-	-	-	-	-		
	-		0.0	WF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	3		0.5	BM	-	-	-	-	-	-	-	1	1	1	-	-	-	-		
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			AGE IN YEARS														
		CRUDE*	AGE- ADJ**	RACE SEX	LT	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	75-	85+	UNK	
					1	4	9	14	19	24	34	44	54	64	74	84			
ALL OTHER ACCIDENTS AND LATE EFFECTS OF ACCIDENTAL INJURY - (E826-E829, E846-E848, E900-E909,E913-E921,E924, E926-E929)	194	4.4	3.6	ALL	16	4	4	3	5	3	15	20	18	22	37	30	17	-	
	77		4.7	WM	5	1	2	2	2	2	9	14	8	7	13	9	3	-	
	35		1.4	WF	4	-	-	-	-	-	2	1	1	4	7	9	7	-	
	53		8.5	BM	3	-	2	1	3	1	2	2	9	10	11	6	3	-	
	27		2.8	BF	4	3	-	-	-	-	1	3	-	1	5	6	4	-	
	2		7.1	OM	-	-	-	-	-	-	1	-	-	-	1	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DRUGS, MEDICAMENTS AND BIO-LOGICAL SUBSTANCES CAUSING ADVERSE EFFECTS IN THERA-PEUTIC USE- (E930-E949)	4	0.1	0.1	ALL	-	-	-	-	1	-	-	1	1	-	1	-	-	-	
	1		0.1	WM	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
	2		0.1	WF	-	-	-	-	1	-	-	-	-	-	1	-	-	-	
	1		0.1	BM	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUICIDE- (E950-E959)	476	10.9	10.3	ALL	-	-	-	6	36	45	89	107	68	40	36	36	13	-	
	316		20.3	WM	-	-	-	1	23	23	58	68	46	28	31	29	9	-	
	78		4.8	WF	-	-	-	3	3	4	12	26	14	4	4	6	2	-	
	69		10.9	BM	-	-	-	2	8	16	16	12	6	5	1	1	2	-	
	10		1.4	BF	-	-	-	-	2	2	1	-	2	3	-	-	-	-	
	1		2.9	OM	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
	2		5.1	OF	-	-	-	-	-	-	1	1	-	-	-	-	-	-	
SUICIDE BY POISONING BY SOLID AND LIQUID SUBSTANCES- (E950)	31	0.7	0.7	ALL	-	-	-	1	-	1	6	10	5	4	3	-	1	-	
	16		1.0	WM	-	-	-	-	-	-	4	5	2	3	1	-	1	-	
	11		0.6	WF	-	-	-	1	-	-	-	4	3	1	2	-	-	-	
	2		0.3	BM	-	-	-	-	-	1	-	1	-	-	-	-	-	-	
	1		0.2	BF	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1		2.8	OF	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
SUICIDE BY POISONING BY GASES AND VAPORS- (E951-E952)	8	0.2	0.2	ALL	-	-	-	-	-	-	2	3	3	-	-	-	-	-	
	6		0.4	WM	-	-	-	-	-	-	1	3	2	-	-	-	-	-	
	2		0.1	WF	-	-	-	-	-	-	1	-	1	-	-	-	-	-	
	-		0.0	BM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUICIDE BY HANGING, STRANGULATION, AND SUFFOCATION- (E953)	67	1.5	1.5	ALL	-	-	-	2	3	10	15	15	9	2	2	8	1	-	
	47		3.0	WM	-	-	-	-	1	5	10	12	9	1	2	7	-	-	
	6		0.4	WF	-	-	-	1	-	1	1	1	-	-	-	1	1	-	
	11		1.7	BM	-	-	-	1	1	3	4	2	-	-	-	-	-	-	
	3		0.4	BF	-	-	-	-	1	1	-	-	-	1	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUICIDE BY FIREARMS AND EXPLOSIVES- (E955)	343	7.9	7.4	ALL	-	-	-	3	32	29	62	71	45	34	30	26	11	-	
	231		14.8	WM	-	-	-	1	21	16	40	44	30	24	27	20	8	-	
	56		3.5	WF	-	-	-	1	3	2	10	19	10	3	2	5	1	-	
	51		8.1	BM	-	-	-	1	7	11	11	8	4	5	1	1	2	-	
	4		0.6	BF	-	-	-	-	1	-	-	-	1	2	-	-	-	-	
	1		2.9	OM	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUICIDE BY ALL OTHER MEANS AND LATE EFFECTS OF SELFINFLECTED INJURY- (E954, E956-E959)	27	0.6	0.6	ALL	-	-	-	-	1	5	4	8	6	-	1	2	-	-	
	16		1.1	WM	-	-	-	-	1	2	3	4	3	-	1	2	-	-	
	3		0.2	WF	-	-	-	-	-	1	-	2	-	-	-	-	-	-	
	5		0.8	BM	-	-	-	-	-	1	1	1	2	-	-	-	-	-	
	2		0.3	BF	-	-	-	-	-	1	-	-	1	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1		2.3	OF	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
HOMICIDE AND LEGAL INTERVENTION- (E960-E978)	592	13.6	14.3	ALL	7	9	1	8	74	121	151	117	54	26	16	6	1	1	
	104		7.3	WM	-	-	-	2	6	12	26	24	16	7	8	2	1	-	
	54		3.8	WF	-	1	-	3	5	6	12	14	6	4	2	1	-	-	
	362		57.6	BM	1	5	1	-	61	88	94	65	26	13	5	2	-	1	
	66		9.1	BF	6	3	-	2	2	15	16	14	6	2	-	-	-	-	
	4		13.0	OM	-	-	-	1	-	-	1	-	-	-	1	1	-	-	
	2		5.5	OF	-	-	-	-	-	-	2	-	-	-	-	-	-	-	



TABLE D21. DEATHS (EXCLUSIVE OF STILLBIRTHS) BY SELECTED CAUSES, SEX, RACE, AND AGE  
LOUISIANA RESIDENTS, 1998

CAUSE OF DEATH AND ICD9 CODE	TOTAL	RATES			RACE SEX	AGE IN YEARS													
		CRUDE*	AGE- ADJ**	LT 1		1- 4	5- 9	10- 14	15- 19	20- 24	25- 34	35- 44	45- 54	55- 64	65- 74	75- 84	85+ 1	UNK	
ASSAULT BY FIREARMS AND EXPLOSIVES- (E965)	439	10.0	10.9	ALL	-	2	-	6	66	108	121	83	33	12	6	1	1	-	
	72		5.2	WM	-	-	-	2	4	10	20	21	8	3	3	-	1	-	
	34		2.4	WF	-	-	-	1	4	5	7	10	3	3	1	-	-	-	
	295		46.7	BM	-	2	-	-	57	84	80	46	18	6	1	1	-	-	
	33		4.7	BF	-	-	-	2	1	9	11	6	4	-	-	-	-	-	
	3		9.7	OM	-	-	-	1	-	-	1	-	-	-	1	-	-	-	
	2		5.5	OF	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
ASSAULT BY CUTTING AND PIERCING INSTRUMENT- (E966)	64	1.5	1.5	ALL	-	-	-	-	3	6	21	21	6	3	3	1	-	-	
	13		0.8	WM	-	-	-	-	-	1	2	3	3	1	2	1	-	-	
	8		0.6	WF	-	-	-	-	1	1	3	1	1	1	-	-	-	-	
	30		5.0	BM	-	-	-	-	2	2	12	10	2	1	1	-	-	-	
	13		1.8	BF	-	-	-	-	-	2	4	7	-	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ASSAULT BY ALL OTHER MEANS AND LATE EFFECTS OF INJURY PURPOSELY INFLECTED BY ANOTHER PERSON- (E960-E964, E967-E969)	86	2.0	1.9	ALL	7	7	1	2	5	6	7	13	15	11	7	4	-	1	
	17		1.1	WM	-	-	-	-	2	1	2	-	5	3	3	1	-	-	
	12		0.8	WF	-	1	-	2	-	-	2	3	2	-	1	1	-	-	
	36		5.7	BM	1	3	1	-	2	1	2	9	6	6	3	1	-	1	
	20		2.7	BF	6	3	-	-	1	4	1	1	2	2	-	-	-	-	
	1		3.3	OM	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEGAL INTERVENTION- (E970-E978)	3	0.1	0.1	ALL	-	-	-	-	-	1	2	-	-	-	-	-	-	-	
	2		0.2	WM	-	-	-	-	-	-	2	-	-	-	-	-	-	-	
	-		0.0	WF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1		0.1	BM	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
	-		0.0	BF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER EXTERNAL CAUSES- (E980-E999)	66	1.5	1.5	ALL	1	-	-	-	2	6	15	25	10	3	1	1	2	-	
	30		2.0	WM	1	-	-	-	-	2	7	16	3	1	-	-	-	-	
	12		0.7	WF	-	-	-	-	1	1	2	4	2	-	-	1	1	-	
	19		3.1	BM	-	-	-	-	1	3	6	3	2	2	1	-	1	-	
	5		0.7	BF	-	-	-	-	-	-	-	2	3	-	-	-	-	-	
	-		0.0	OM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	-		0.0	OF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALL OTHER DISEASES- (RESIDUAL)	4107	94.0	52.4	ALL	25	23	9	12	17	28	86	180	256	366	672	1210	1223	-	
	1150		50.0	WM	6	6	1	2	4	6	20	46	89	119	235	370	246	-	
	1717		41.1	WF	6	3	2	3	4	7	8	34	40	96	231	560	723	-	
	565		84.7	BM	8	6	3	4	6	9	31	55	65	80	98	132	68	-	
	655		60.3	BF	4	8	3	3	3	6	23	45	60	68	105	144	183	-	
	9		28.1	OM	1	-	-	-	-	-	2	-	-	2	2	1	1	-	
	11		28.2	OF	-	-	-	-	-	-	2	-	2	1	1	3	2	-	

\*Crude death rate per 100,000 population

\*\*Age-adjusted death rate per 100,000 1940 standard population

